



Implementasi K3 PT. Nippon Shokubai Indonesia



Certification

PT. Nippon Shokubai Indonesia has been certified:



Certificate No. JKT 0500050



- ISO 9001 (CERTIFIED YEAR 2001)
- ISO 14001 (CERTIFIED YEAR 2002)
- OHSAS 18001 (CERTIFIED YEAR 2007)
- SMK3 (CERTIFIED YEAR 2015)
- ISO 50001 (CERTIFIED YEAR 2015)
- ISO 27001
- PSM



**RESPONSIBLE CARE
(YEAR 2006)**



BRIEFLY OF COMPANY PROFILE

Company name	PT. NIPPON SHOKUBAI INDONESIA
Establishment	August 21, 1996
President	Mr. Naoki Hijikuro
Capital	120 Million USD
Employees	470 as per Aug. 2017
Address	Kawasan industri Pancapuri Jl. Raya Anyer Km.122 Kecamatan Ciwandan Cilegon Banten 42447
URL	www.shokubai.co.jp
Lines of business	Chemical Manufacture
Other Info	<p>PT. Nippon Shokubai Indonesia is the first manufacturing company that produces Acrylic Acid and Acrylic Esters in south East Asia, begins commercial production in 1998 and also the first manufacturing company that produces Superabsorbent Polymer (SAP) in Indonesia, begins commercial production in 2013. Nippon Shokubai are number 1 SAP manufacturer in the world and has 25% market share</p> <p>The presence of NSI means to support and contribute to the development of Indonesian as well as overseas industries with excellent technology of Nippon Shokubai</p>
Total area	20 ha.

Products and Application

Raw Materials and Products

Products:

- Acrylic Acid
- Ethyl Acrylate
- Butyl Acrylate
- 2-Ethylhexyl Acrylate
- Super Absorbent Polymer

Raw Materials:

- Propylene
- Ethanol
- N-Butanol
- 2-Ethylhexanol
- Caustic Soda

Acrylic Acid:
Acrylic Esters (Acrylates)
Super Absorbent Polymer → Diaper Industries



Ethyl Acrylate:
Paper Treatment Industries



Butyl Acrylate:
Adhesive, Synthetic Resin Industries



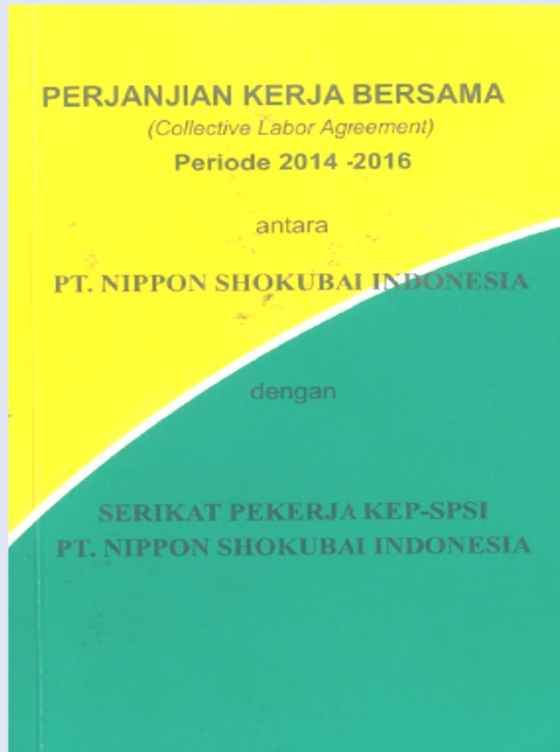
2-Ethylhexyl Acrylate:
Paint, Color Industries



Content :

- 1. Peraturan K3 pada Perjanjian Kerja Bersama (PKB)**
- 2. Prosedur Kerja Aman (Safety Guidelines Procedure)**
- 3. Alat Pelindung Diri (APD)**
- 4. Penerapan K3**
- 5. Kegiatan inspeksi alat-alat pemadam kebakaran**
- 6. Kegiatan Tahunan Bulan K3**

1. Peraturan K3 pada Perjanjian Kerja Bersama (PKB)

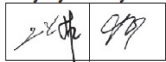


BAB VI: KESELAMATAN, KESEHATAN KERJA, DAN LINGKUNGAN HIDUP

Pasal 17: Keselamatan dan Kesehatan Kerja

1. Perusahaan menyediakan peralatan/ perlengkapan keselamatan kerja sesuai jenis dan tempat kerjanya berdasarkan ketentuan Peraturan Perundang-undangan yang berlaku.

Perjanjian Kerja Bersama (PKB) Periode 2017 – 2019



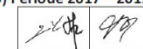

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2. Pekerja wajib mentaati aturan-aturan Keselamatan Kerja yang berlaku di Perusahaan dengan sungguh-sungguh untuk mengurangi resiko Kecelakaan Kerja yang dapat melukai Pekerja atau merusak aset Perusahaan.
3. Pekerja wajib menggunakan peralatan/ perlengkapan Keselamatan Kerja dengan seksama.
4. Pekerja dilarang memindahkan, membawa, dan menjual alat/ perlengkapan keselamatan kerja pada pihak ketiga tanpa seijin Perusahaan.
5. Pekerja wajib melaporkan setiap Kecelakaan Kerja di Lingkungan Perusahaan dalam waktu 1 x 24 jam kepada atasannya dan Departemen S&E dengan tembusan kepada Departemen HR & PA, serta wajib memberikan keterangan yang benar kepada petugas yang ditunjuk oleh Perusahaan untuk menyelidiki peristiwa tersebut.
6. Pekerja wajib mengambil bagian secara aktif dalam usaha pencegahan dan penanggulangan kecelakaan/ kebakaran di Lingkungan Kerja-nya masing-masing.
7. Perusahaan berhak menunjuk Pekerja untuk duduk dalam Panitia K3LH (Kesehatan Keselamatan Kerja dan Lingkungan Hidup) disamping tugas pokoknya.
8. Apabila Pekerja tidak mentaati ketentuan pada ayat 2 sampai dengan ayat 6 Pasal ini dapat dikenakan sanksi berupa surat peringatan, skorsing, dan/atau pemutusan hubungan kerja.

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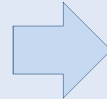




Perjanjian Kerja Bersama (PKB) Periode 2017 – 2019



2. Prosedur Kerja Aman (Safety Guideline Procedure)

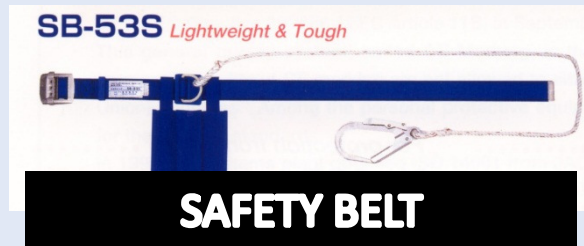
Safety Guidelines Procedure
NSIS-S-SGP-3901



PT. NIPPON SHOKUBAI INDONESIA				PAGE 1 OF 13	
SAFETY ENVIRONMENT DEPARTMENT					
DOCUMENT TITLE :					
SAFETY GUIDELINES PROCEDURE					
DOCUMENT NUMBER		ORIGINAL DATE		EFFECTIVE DATE	
NSIS-S-SGP-3901		01 / Feb / 07		22 / Dec / 15	
DISTRIBUTION :					
According to Document Distribution List					
REVISION STATUS				PERIODIC REVIEW : 3	
REV. NO : 6		DATE : 04 / Dec / 15		04 / Dec / 15	
DESCRIPTION :					
<ul style="list-style-type: none"> - 3rd Periodically Review - Page 2 : Item 3.3-3.6 (Additional Definition) - Page 3 : Item 4.4 (Additional Reference); Item 5.6, 5.7 (Additional Definition) - Page 4 : Item 6.2; 6.2.2; 6.2.2.1-6.2.2.7; 6.2.3.1 (Additional Definition) - Page 5 : Item 6.2.3.2-6.2.3.5; 6.2.6; 6.3; 6.3.1-6.3.3; 6.4 (Additional Definition) - Page 6 : Item 6.5.1.2 & 6.5.1.4 (Additional Definition) - Page 7 : Item 6.5.4.1 (Additional Definition) - Page 8 : Item 6.5.4.2 & 6.5.4.3 (Additional Definition) - Page 12 : Item 6.8; 6.8.1-6.8.4 (Additional Definition) - Page 13 : Item 6.4.5; 6.9; 6.9.1-6.9.4 (Additional Definition) 					
PREPARED BY		CHECKED BY		APPROVED BY	
					
YUHRONI		SAYID JAKFAR		HEROE SOESANTO	
DATE: 04/Dec/15		DATE: 04/Dec/15		DATE: 07/Dec/15	
SAFETY Sr. STAFF		SAFETY ENVIRONMENT Sr. MANAGER		DPM & GM OF OPERATIONS	
				PLANT MANAGER / MANAGEMENT REPRESENTATIVE	
				DATE: 07/Dec/15	

3. Alat Pelindung Diri (APD)

Alat Pelindung Diri (APD) yang WAJIB digunakan oleh Karyawan / Kontraktor apabila memasuki Plant Site :



- Bekerja pada ketinggian **1.8 M** atau lebih:
 - Safety belt (pada permanent platform)
 - Body hardness (diluar permanent platform, pipe rack, dsb.)
- Safety glass harus **transparan** (bening).
- Safety glass **WAJIB** digunakan selama berada di plant site.

3. Alat Pelindung Diri (APD) cont.

Alat Pelindung Diri yang WAJIB digunakan oleh Karyawan/Kontraktor apabila memasuki Plant Site / Area Pabrik:

Baju Seragam Harian



- Helmet + goggle
- Kacamata safety/kacamata (-/+)
- Lengan panjang
- Sepatu safety
- ID card

Baju Kerja Operator (Coverall)



- Helmet + goggle
- Kacamata safety/kacamata (-/+)
- Coverall
- Sepatu safety
- ID card (tidak perlu)

Catatan

- Dilarang baju lengan pendek + manset
- Baju kaos dan polo shirt

3. Alat Pelindung Diri (APD) cont.

Beberapa Alat Pelindung Diri yang digunakan untuk pekerjaan khusus, antara lain:

1. Goggle Face Shield
2. Visor
3. Dust mask Respirator
4. Half Mask Respirator
5. Full Face Mask Respirator
6. Ear Plug
7. Rubber Gloves
8. Leather Gloves (Soft & Hard)
9. Leather Gloves for High Temperature
10. Cotton Gloves
11. Safety Belt
12. Chemical Suit



- Cleaning Strainer
- Handling Chemical vapor



Cleaning
Tangki Kimia



Tempat kebisingan >85 dB



Handling Chemical
Liquid



Cleaning
Tangki Kimia



Pekerjaan yang tidak
berhubungan dengan bahan
kimia



货号: YB200-02 规格: 350g-700g 材质: 棉
尺寸: S, M, L, XL 包装: 12双/箱

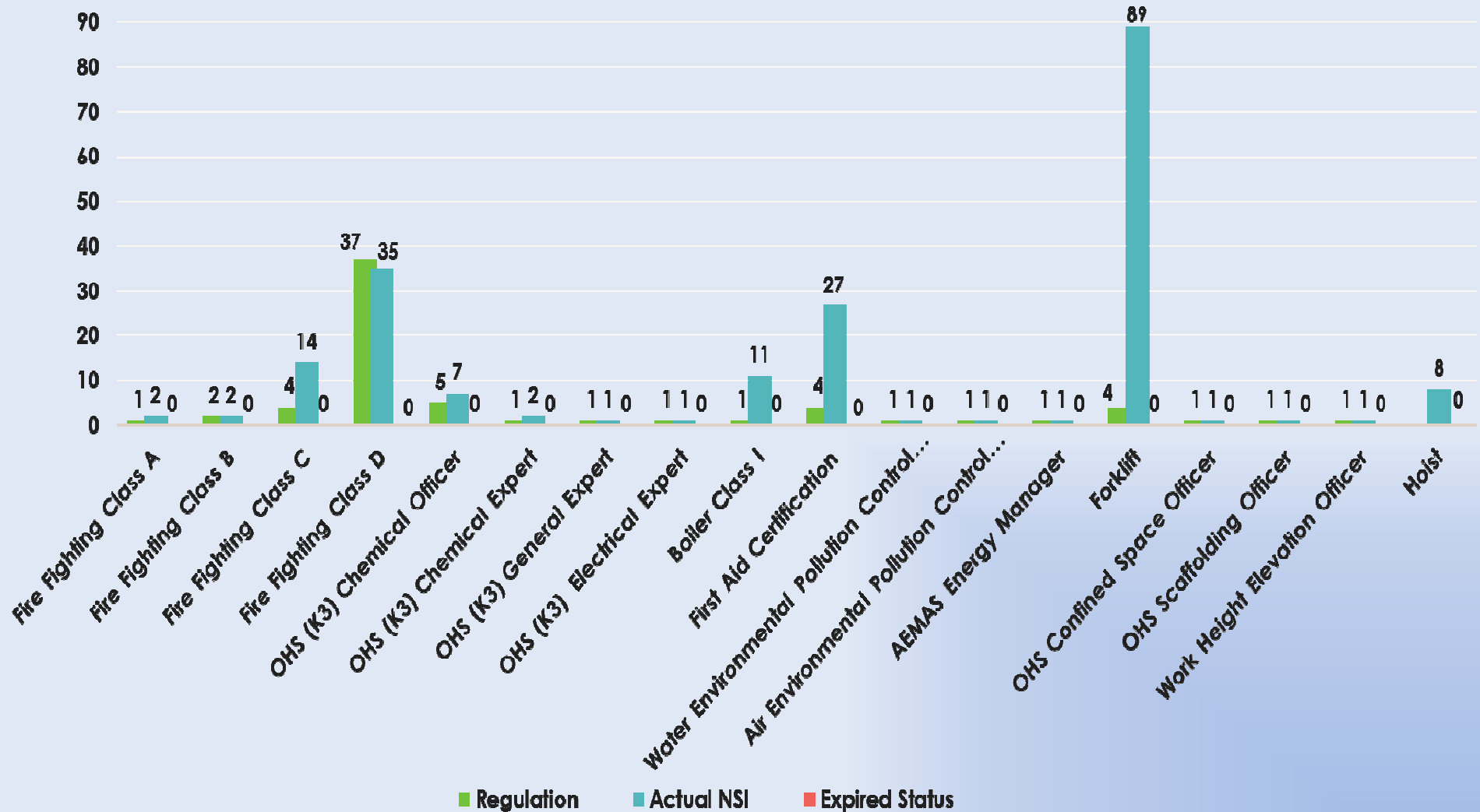
Glove untuk
temp. panas
(> 200°C)

4. Implementation K3 di NSI

Dasar Hukum dan Sudah Comply (Kecukupan Pemenuhan Peraturan K3, seperti pada graph berikut ini)

- UU No. 1/1970
- Kepmenaker No. 186/1999, Tentang Penanggulangan Kebakaran di Tempat Kerja
- Kepmenaker No. 187/1999, Tentang Penanganan Bahan Kimia di Tempat Kerja
- Kepmenaker No. 02/Men/1992/Pasal 16, Tentang Penunjukan Ahli K3 Umum
- Kep.311/BW/2002, Tentang Penunjukan Ahli K3
- Permenaker No. 01/1988, Tentang Operator Boiler
- Permenaker No. 15/2008/Pasal 2, Tentang First Aid Team di Tempat Kerja
- PermenLH No. 03/MenLH/2009, Tentang Penunjukan Water Environmental Pollution Control Manager (WEPCM)
- PermenLH No. 04/MenLH/2011, Tentang Penunjukan Air Environmental Pollution Control Manager (AEPCM)
- PP No. 70 year 2009, Tentang Penunjukan Energy Manager
- Per. 09/MEN/VII/2010, Tentang Operator Forklift
- No. Kep.113/DJPPK/IX/2006, Tentang Ahli K3 Confined Space
- No. Kep. 20/DJPPK/2004, Tentang Ahli K3 Scaffolding
- SE No. 01/DJPPK/I/2011, Tentang Ahli K3 Bekerja di Ketinggian
- Per. 09/MEN/VII/2010, Tentang Operator Hoist

Kecukupan Pemenuhan Peraturan



4. Implementasi Kesehatan dan Keselamatan Kerja (K3)

- Work Permit (Hot, Confined Space, Rotating Machine, Excavation & Cold Work)
- Latihan Tanggap Darurat (Plant Emergency, Emergency Natural Disaster, Product Transportation Emergency, Emergency due to Social Unrest)
- EHS Committee Meeting / P2K3 Meeting, Surat Penetapan P2K3 dari Disnaker.
- EHS Patrol (1X / Bulan)
- 5S Patrol (1X / Bulan)
- Cleaning Day (2X / Bulan)
- Contractor Safety Coordinator Training (2X / Tahun, 30 pekerja wajib 1 safety coordinator)
- Safety Sign di Plant Area dan Gudang.
 - SDS
 - 10 Basic Safety Principles
 - Pictogram (Warehouse, Tangki, Loading Pipeline)
 - Safety Rule enter Plant Area.
 - Confined Space Sign.
 - High Noise Level Sign
 - Scaffolding Tagging
 - Arah Evakuasi (Assembly Point)
 - Safety Red Line, batas mulai penggunaan APD lengkap
- Emergency Eye Wash & Shower
 - Open Type
 - Close Type
- Pointing & Calling (prevent mistake on operation, plant / DCS)
- Sanksi terhadap Pelanggaran Peraturan K3
- Fasilitas Kesehatan / klinik (Dokter, Paramedis 24 jam/4 shift)



Work Permit (Master)



HOT WORK PERMIT

CONFINED SPACE ENTRY PERMIT

EXCAVATION WORK PERMIT

ROTATING MACHINE AND LOCKOUT WORK PERMIT

COLD WORK PERMIT

PT. NIPPON SHOKUBAI INDONESIA Permit No. : HW 71259

HOT WORK PERMIT DEGREE: A B C

MAINTENANCE SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

PRODUCTION SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

Start Working _____
 Finish Working _____
 Checked By: _____
 Signed: _____
 Manager _____
 Supervisor _____
 Approver _____
 Renewal / Valid Time _____
 Unit Title _____

PT. NIPPON SHOKUBAI INDONESIA Permit No. : 0522

CONFINED SPACE ENTRY PERMIT

MAINTENANCE SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

PRODUCTION SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

Start Working _____
 Finish Working _____
 Checked By: _____
 Signed: _____
 Manager _____
 Supervisor _____
 Approver _____
 Renewal / Valid Time _____
 Unit Title _____

PT. NIPPON SHOKUBAI INDONESIA Permit No. : 0553

EXCAVATION PERMIT

MAINTENANCE SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

PRODUCTION SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

Start Working _____
 Finish Working _____
 Checked By: _____
 Signed: _____
 Manager _____
 Supervisor _____
 Approver _____
 Renewal / Valid Time _____
 Unit Title _____

Permit No. : _____

ROTATING MACHINE AND LOCKOUT WORK PERMIT

MAINTENANCE SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

PRODUCTION SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

Start Working _____
 Finish Working _____
 Checked By: _____
 Signed: _____
 Manager _____
 Supervisor _____
 Approver _____
 Renewal / Valid Time _____
 Unit Title _____

PT. NIPPON SHOKUBAI INDONESIA Permit No. : CW 71002

COLD WORK PERMIT DEGREE: A B C

MAINTENANCE SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

PRODUCTION SECTION
 Job No. _____
 Equipment No. _____
 Position No. _____
 Job Title _____
 Contractor _____
 Working Date: From _____ To _____
 Start Time: From _____ To _____
 End Time: _____
 Supervisor: _____
 Safety Officer: _____
 Additional Instruction / Remarks / Termination: _____

Start Working _____
 Finish Working _____
 Checked By: _____
 Signed: _____
 Manager _____
 Supervisor _____
 Approver _____
 Renewal / Valid Time _____
 Unit Title _____

Grinding, welding, cutting, heating

Inside inspection, inside cleaning, tower inspection or other with depth > 1.5 M

Galian > 30 CM.

Overhaul pump, mesin2 berputar, dsb.

Install scaffolding, open manhole, insulation job, dsb.

Work Permit (Plural day)

- Bila pekerja lebih dari 1 hari dalam periode 1 bulan
- Work Permit (Plural) harus disatukan dengan “Master”

HOT WORK PERMIT

PT. NIPPON SHOKUBAI INDONESIA PERMIT NO. 2306

HOT WORK PERMIT (PLURAL DAYS)
ONLY FOR DEGREE "B & C"

AREA : _____ EQUIPMENT NO. : _____ JOB : _____

NOTE:
BEFORE GIVING APPROVAL, ALL CONDITIONS AS PER CHECKLISTS IN HOT WORK PERMIT MUST BE RECHECKED:
1. SAFETY MEASURES
2. SAFETY EQUIPMENT
3. TOOLS & EQUIPMENTS TO BE USED
4. GASTEST

MONTH / YEAR : _____ / _____

DATE	Start	Time	End	Production	Safety	Maintenance	Worker
A1							
B1							
C1							
A2							
B2							
C2							
A3							
B3							
C3							
A4							
B4							
C4							
A5							
B5							
C5							

Note: A: Authorized Sign Job
B: Renewed
C: Checked Out After Job
D: Checked In After Job

COLD WORK PERMIT

PT. NIPPON SHOKUBAI INDONESIA PERMIT NO. _____

COLD WORK PERMIT (PLURAL DAYS)
DEGREE : A B C D E F

AREA : _____ EQUIPMENT NO. : _____ JOB TITLE : _____

NOTE:
BEFORE GIVING APPROVAL, ALL CONDITIONS AS PER CHECKLISTS IN COLD WORK PERMIT MUST BE RECHECKED:
1. SAFETY MEASURES
2. SAFETY EQUIPMENT
3. TOOLS & EQUIPMENTS TO BE USED
4. GASTEST

MONTH / YEAR : _____ / _____

DATE	TIME	Production	Safety	Maintenance	Worker
A1					
B1					
C1					
A2					
B2					
C2					
A3					
B3					
C3					
A4					
B4					
C4					
A5					
B5					
C5					

Note: A: Start Working
B: Renewed / Night Time
C: Allowance

CONFINED SPACE ENTRY PERMIT

PT. NIPPON SHOKUBAI INDONESIA PERMIT NO. 0575

CONFINED SPACE ENTRY PERMIT (PLURAL DAYS)

AREA : _____ EQUIPMENT NO. : _____ JOB TITLE : _____

NOTE:
BEFORE GIVING APPROVAL, ALL CONDITIONS AS PER CHECKLISTS IN CONFINED SPACE ENTRY PERMIT MUST BE RECHECKED:
1. SAFETY MEASURES
2. SAFETY EQUIPMENT
3. TOOLS & EQUIPMENTS TO BE USED
4. GASTEST

MONTH / YEAR : _____ / _____

DATE	TIME	Production	Safety	Maintenance	Worker
A1					
B1					
C1					
A2					
B2					
C2					
A3					
B3					
C3					
A4					
B4					
C4					
A5					
B5					
C5					

Note: A: Start Working
B: Renewed / Night Time
C: Allowance

EXCAVATION WORK PERMIT

PT. NIPPON SHOKUBAI INDONESIA PERMIT NO. 0504

EXCAVATION PERMIT (PLURAL DAYS)

WORKING AREA : _____ DIMENSION AREA : _____ JOB : _____

NOTE:
BEFORE GIVING APPROVAL, ALL CONDITIONS AS PER CHECKLISTS IN EXCAVATION PERMIT MUST BE RECHECKED:
1. SAFETY MEASURES
2. SAFETY EQUIPMENT
3. TOOLS & EQUIPMENT TO BE USED

MONTH / YEAR : _____ / _____

DATE	TIME	Operation	Safety	Maintenance	Worker
A1					
B1					
C1					
A2					
B2					
C2					
A3					
B3					
C3					
A4					
B4					
C4					
A5					
B5					
C5					

Note: A: Authorized Sign Job
B: Renewed
C: Checked Out After Job

ROTATING MACHINE AND LOCKOUT WORK PERMIT

PT. NIPPON SHOKUBAI INDONESIA PERMIT NO. _____

ROTATING MACHINE AND LOCKOUT WORK PERMIT (PLURAL DAYS)

EQUIPMENT NO. : _____ JOB TITLE : _____

NOTE:
BEFORE GIVING APPROVAL, ALL CONDITIONS AS PER CHECKLISTS IN ROTATING MACHINE AND LOCKOUT WORK PERMIT MUST BE RECHECKED:
1. SAFETY MEASURES
2. SAFETY EQUIPMENT
3. TOOLS & EQUIPMENT TO BE USED

MONTH / YEAR : _____ / _____

DATE	TIME	Production	Safety	Maintenance	Worker
A1					
B1					
C1					
A2					
B2					
C2					
A3					
B3					
C3					
A4					
B4					
C4					
A5					
B5					
C5					

Note: A: Start Working
B: Renewed / Night Time
C: Allowance

Ketentuan Work Permit:

- Daily Work Permit dikembalikan ke SE Dept Jam 4:00 sore
- Pengajuan overtime sebelum jam 3:00 sore untuk approve: E/M, SE, Prod.
- Safety Kontraktor harus pengambil OT permit jam 4:45 sore.

Work Permit Activity



Confined Space Entry Permit

Harus dilakukan gas test sebelum Confined space activity dilakukan



Cold Work Permit



Hot Work Permit

-Hot Work activity harus dilengkapi dengan cover sheet dan APAR
-Dilarang menggunakan blue sheet

Latihan Tanggap Darurat

KIND OF DRILL / TRAINING	FREQUENCY
• Shift Plant Emergency Drills (phase-1)	2 Times / Year
• Plant Emergency Drills (phase-2)	1 Time / Year
• Evacuation Drills	1 Time / Year
• Product Transportation Emergency Drills	1 Time / 2 Years
• Emergency Natural Disaster Drills	1 Time / 5 Years
• Emergency due to Social Unrest	1 Time / 5 Years
• Emergency Contact Net Drills	1 Times / Year
• Fire Extinguisher Training	1 Time / Year
• Chemical Spills Training	1 Time / Year
• SDS Training	1 Time / Year

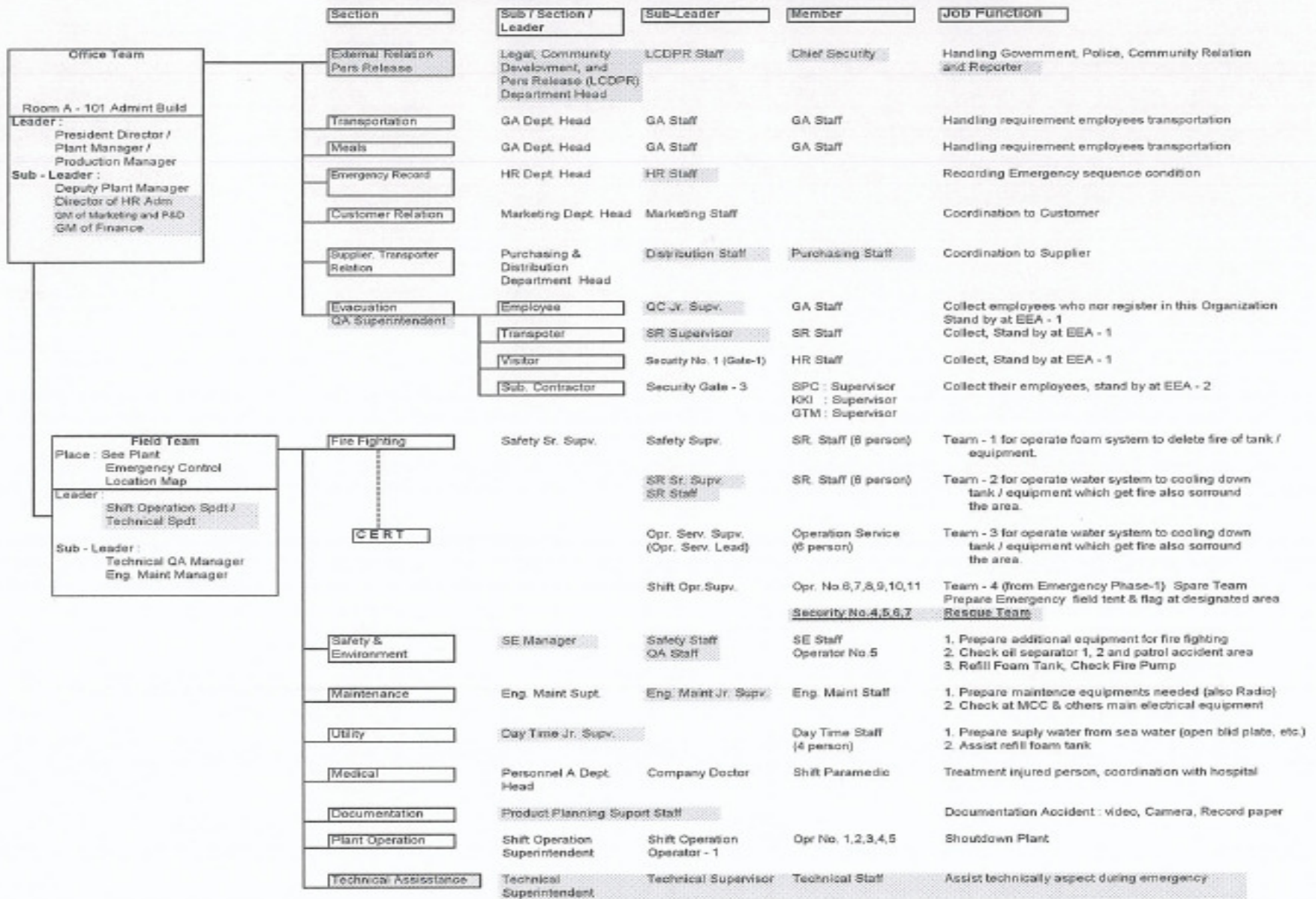
Latihan Tanggap Darurat

ORGANIZATION & JOB FUNCTION PHASE - 1 on PLANT EMERGENCY (SHIFT)

	TEAM	LEADER	SUB-LEADER	MEMBER	JOB FUNCTION
CONTROL ROOM OFFICE Head : Shift Operation Superintendent	Plant Operation	Shift Operation Superintendent	Shift Operation Operator - 1	Operator No.1 Operator No.2 Operator No.3 Operator No.4	<ol style="list-style-type: none"> 1. Shutdown plant procedure 2. Start Fire Pump, inform all employee by phone / plant paging 3. Calling pick-up person 4. If necessary, calling CERT assistance : Fire Truck, Ambulance, Personnel.
	Environment	Shift Operation Superintendent		Operator No.5	<ol style="list-style-type: none"> 1. Close Oil Separator 1 and / or 2 2. Patrol surround accident location. 3. Standby & transmitter from control room to accident location
	Clinic			Shift Paramedic	<ol style="list-style-type: none"> 1. Inform to Shift Operation Superintendent if need CERT Ambulance
	Fire Fighting	Shift Operation Supervisor	Group A : Operator 7	Operator No.6 Operator No.7 Operator No.8 Operator No.9 Security No.4	<p>Operate Foam Tank at Utility</p> <p>Operate Foam Chamber for designated tank fire</p> <p>Operate Foam Monitor at structure 4th floor, if in Process Area</p> <p>Extend Hose + Foam Nozzle, discharge at fire location</p> <p>Extend Hose + Foam Nozzle, discharge at fire location</p>
SECURITY Head : Shift Group Leader			Group B : Operator No.10	Operator No.10 Security No.5 Security No.6 Security No.7 Security No.8	<p>Operate Water & Foam Hydrant</p> <p>Extend Hose + Water Nozzle, cooling down tank / equipment around fire location</p> <p>Extend Hose + Water Nozzle, cooling down tank / equipment around fire location</p> <p>Bring Fire Truck from Security House-2 to Accident Site</p> <p>Prepare Breathing Apparatus Set</p>
	Gate Control	Shift Group Leader		Security No.1 Security No.2 Security No.3	<ol style="list-style-type: none"> 1. Control / close Gate-1 & Gate-3 2. Assist / give guidance to CERT personel when come to NSI plant site (accident location)

Latihan Tanggap Darurat

PLANT EMERGENCY ORGANIZATION PHASE - 2 (Office Hour, Night, Holiday)



Latihan Tanggap Darurat (Plant Emergency drill)



Fire Fighting Training



Rescue Activity



Penyelamatan Korban



Declare Emergency Finish



Evaluasi Meeting

Latihan Tanggap Darurat (Plant Emergency drill)



First Aid Training



Product Transportation Emergency Training



SCBA Training



Chemical Spill Handling Training

Safety Meeting di PT.NSI

Department Safety Meeting



SAFETY INFO
November 2014



**ENGINEERING & MAINTENANCE
DEPARTEMENT**

Kawasan Industri Pancapuri
Jl. Raya Anyer Km. 122, Ciwandan, Cilegon, Banten, Indonesia
Telp. (+62-254) 600660
Fax. (+62-254) 600435, 600657, 600658

EHS TALK
DECEMBER 2017

Attendant

Chairman	: -
GA	: Gus Hermansyah & Maya HK.
SE	: Edy Sumantri
Distribution	: Masdi
F & A	: Ferra
IT	: Olga
EAL	: Endah
Marketing	: Agung Rangga
Logistic	: Srie W.
Purchasing	: Risdiana Widi
HR	: Dr. M. Prakoso

Struktur Organisasi Panitia Pembina Kesehatan Keselamatan Kerja (P2K3)

PEMERINTAH PROVINSI BANTEN
DINAS TENAGA KERJA DAN TRANSMIGRASI
Kawasan Pusat Pemerintahan Provinsi Banten (KP3B) Jl. Syeh. KH. Nawawi Al Bantani
Telp. (0254) 267111 Fax (0254) 267112 Kota Serang 42171

**KEPUTUSAN KEPALA DINAS TENAGA KERJA
DAN TRANSMIGRASI PROVINSI BANTEN**
Nomor : 14 / P2K3-K3 / III / 2017

T E N T A N G
**PANITIA PEMBINA KESELAMATAN DAN KESEHATAN KERJA
DI PERUSAHAAN**
PT. NIPPON SHOKUBAI INDONESIA
Kawasan Industri Pancapuri, Jl. Raya Anyer Km.122, Ciwandan, Cilegon

Menimbang : a. bahwa dalam rangka meningkatkan dan mengembangkan upaya-upaya Keselamatan dan kesehatan Kerja di PT. Nippon Shokubai Indonesia perlu dilakukan pembinaan terus menerus dan terarah.
b. bahwa berdasarkan pertimbangan sebagaimana dimaksud pada huruf a, perlu disyahkan Panitia Pembina Keselamatan dan Kesehatan Kerja.

Mengingat : 1. Undang-undang No. 1 tahun 1970 tentang Keselamatan Kerja ;
2. Undang-undang No. 13 tahun 2003 tentang Ketenagakerjaan;
3. Peraturan Menteri Tenaga Kerja RI No.Per.04/MEN/1987 tentang Panitia Pembina Keselamatan dan Kesehatan Kerja serta tata cara penunjukan ahli Keselamatan dan Kesehatan Kerja ;
4. Keputusan Menteri Tenaga Kerja dan Transmigrasi No.Kep.155/Men/1984 tentang Penyempurnaan Keputusan Menteri Tenaga Kerja dan Transmigrasi No.Kep.125/MEN/1982 tentang Pembentukan dan Tata Kerja Dewan Keselamatan dan Kesehatan Kerja Nasional, Dewan Keselamatan Kerja Wilayah dan Panitia Pembina Keselamatan dan Kesehatan Kerja.

Memperhatikan : Permohonan dari **PT. Nippon Shokubai Indonesia** – Kawasan Industri Pancapuri, Jl. Raya Anyer Km.122, Ciwandan, Cilegon tertanggal 14 Maret 2017 Perihal Permohonan Pengesahan/Perubahan Pengurus Panitia Pembina Keselamatan dan Kesehatan Kerja (P2K3).

MEMUTUSKAN

Menetapkan Pertama : Mengesahkan Panitia Pembina Keselamatan dan Kesehatan Kerja di **PT. Nippon Shokubai Indonesia** yang data dan susunan pengurusnya sebagaimana terlampir dalam keputusan ini.

Kedua : Panitia Pembina Keselamatan dan Kesehatan Kerja dapat segera melakukan kegiatan sesuai dengan fungsi dan tugas yang telah ditetapkan serta melaporkan secara berkala hasil kegiatannya.

Ketiga : Surat Keputusan ini berlaku selama perusahaan dan susunan pengurusnya tidak berubah dengan ketentuan apabila ternyata dikemudian hari terdapat kekeliruan dalam penetapan Keputusan ini, akan diperbaiki kembali sebagaimana mestinya.

Ditetapkan di : Serang
Pada Tanggal : 16 Maret 2017

**KEPALA DINAS TENAGA KERJA DAN
TRANSMIGRASI PROVINSI BANTEN**

H. ALHAMIDI, S.Sos, M.Si
NIP. 196408171986031022

Lampiran : Surat Nomor : 14/P2K3-K3/III/2017
Tanggal : 16 Maret 2017
Tentang : Panitia Pembina Keselamatan dan Kesehatan Kerja

I. DATA PERUSAHAAN

Nama Perusahaan : PT. Nippon Shokubai Indonesia
Alamat : Kawasan Industri Pancapuri, Jl. Raya Anyer Km.122, Ciwandan, Cilegon
Jumlah Tenaga Kerja : 459 orang dengan rincian
a. Laki-laki : 374 orang
b. Wanita : 85 orang
c. Tenaga Kerja Asing : -

II. SUSUNAN PENGURUS P2K3

Ketua : Plant Manager
Wakil Ketua : Deputy Plant Manager
Sekretaris : Kepala Departement Safety Environment
Wakil Sekretaris : Safety Supervisor

Anggota :

1. Kepala Departement Produksi & 4 Anggota Safety Forwarder
2. Kepala Departement Maintenance & Supervisor
3. Kepala Departement Quality Assurance & Supervisor
4. Kepala Departement General Affair & Supervisor
5. Kepala Departement Human Resources & Supervisor
6. Kepala Departement Purchasing & Supervisor
7. Kepala Departement Distribusi & Supervisor
8. Kepala Departement Shipping Receiving & Supervisor
9. Kepala Departement Marketing & Supervisor
10. Kepala Departement Information Technology & Supervisor
11. Kepala Departement Logistic & Supervisor
12. Kepala Departement Finance Accounting & Supervisor

Ditetapkan di : Serang
Pada Tanggal : 16 Maret 2017

**KEPALA DINAS TENAGA KERJA DAN
TRANSMIGRASI PROVINSI BANTEN**

H. ALHAMIDI, S.Sos, M.Si
NIP. 196408171986031022

MOM EHS Committee Meeting

NSI HEALTH, SAFETY & ENVIRONMENT COMMITTEE MEETING RESULT

Revision 0

Date : 30 January 2018
Time : 10:00 am – 12:00 pm
Place : Business Building, B-201

Attendance

- Plant Manager	:	Mr. H. Takaki
- Deputy Plant Manager	:	Mr. Heroe S.
- Corporate planning	:	Mr. Boy G.
- Production	:	Mr. Wawan G.
	:	Mr. H. Latifi
	:	Mr. Giovani A.
	:	Ms. Susy H.
- Engineering & Maintenance	:	Mr. Jaja
	:	Mr. A. Hafid
- Safety & Environment	:	Mr. Sayid J.
	:	Mr. Herman
	:	Ms. Eka P.
	:	Mr. Firman Rangga W.
	:	Mr. Ukki Imawan L.
	:	Ms. Nina M.
	:	M. Rifqi A.
- Quality Assurance	:	Mr. Agus S.
	:	Mr. Firman Sofian
- HRPA & Clinic	:	Mr. Dr. M. Prakoso
	:	Mr. M. Hafid
- Distribution & S/R	:	Mr. Ari Sukanto
	:	Ms. Umi S.
- Logistic	:	Mr. Fatkhurozi
	:	Mr. Maskani
	:	Mr. Rudy R.
- IT	:	Mr. Hendaryatna
	:	Mr. Galih P.
- GA (CD & PR)	:	Mr. H. Sabihis
- External Affair & Legal	:	-
- Purchasing	:	Ms. Meilaningtyas
- Marketing	:	Mr. Rudi A.
- Accounting	:	Mr. Kharismawan

Form No. : SIP-8902-12-01, 09-Sep-14

1 of 5

1. Comments from Plant Manager (Mr. O. Dodo)

Annual Shutdown Maintenance (ASDM) already started. We've to concern about many items, the most important thing is about safety. Always reconfirm before do the job is important.

2. Safety Info (OHS Performance)

- **Safety Slogan 2015 selection**
- Safety Statistic Record October 2014
- Safety & Housekeeping October 2014
- Presentation result from sub-committee each department meeting (Result of Participant & Consultation) :
 - Production Department (presented by Mulya Riski)
 - Engineering & Maintenance Department (presented by Siti Mardiah)
 - Quality Assurance Department (presented by Endi J.S.)
 - Safety Talk from Department: General Affair, Distribution, Finance Accounting, Marketing, Logistic, Purchasing, Information & Technology , Human Resource, Legal (presented by A. Yudhistira)
- Health Info October 2014 from Clinic (presented by Emaniah)

3. Environmental Info

- Result of Organizing and Monitoring Emission, Air Quality, Sea Water, Waste Water & Solid Waste Disposal Period October 2014 (presented by Firman R.W)
- 5S Progress from 5S Leader October 2014 (presented by Mr. Latifi)

4. A. New Issues from Department :

- **Comment from Sr. Operation Manager (Mr. Wawan Gunawan)**
ASDM already started, even just three days passed, we've to recognize the weak point. Several contractor didn't wear PPE properly, welding activity didn't use fire protection properly, and other unsafe action & condition. We've to think how to strengthen our rules. If there are three finding in same case, we've to take action seriously.
- **Comment from Safety Environment Manager (Mr. Sayid Jakfar)**
Even we found any finding during ASDM safety patrol, we also found some improvement. Since we've installed sign " NO SMOKING IN THIS AREA" at gate 3, that area is cleaner and not so bad compare with before condition.

2 of 4

Environmental Health & Safety Patrol

Schedule



PT. NIPPON SHOKUBAI INDONESIA

HEALTH, SAFETY AND ENVIRONMENTAL PATROL SCHEDULE 2017

NO.	DEPARTMENT / SECTION		DATE											
			27-Jan	24-Feb	24-Mar	28-Apr	26-May	30-Jun	28-Jul	25-Aug	29-Sep	27-Oct	24-Nov	22-Dec
1	Management	Plan	Heroe S	H. Takaki	Heroe S	H. Takaki	Heroe S	H. Takaki	Heroe S	H. Takaki	Heroe S	H. Takaki	Heroe S	H. Takaki
		Actual												
2	Middle Management	Plan	Wawan G.	Sayid J.	Boy G.	Y. Fujita	Shintani	Wawan G.	Sayid J.	Boy G.	Y. Fujita	Arifin	Wawan G.	Sayid J.
		Actual												
3	Production	Plan	Kiyohara	T. Onishi	Umehara	Wida	Matsui	Tri. W	Daryanto	Khoiri R.	Latifi	Suwondo	Masrohan	Vauzan
		Actual												
		Plan	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators	4 Operators
4	Logistic	Plan	M. Effendi	Maskani	Nané S.	Aryan D.	Saiful A.	Sri W.	Saryadi	Toto T.	Syarifuddin	Maskani	Fakhturozi	Nana S.
		Actual												
5	IT	Plan	Hendaryatna	Rudi	Galih	Erwin	Olga	Amel	Hendaryatna	Rudi	Galih	Erwin	Olga	Amel
		Actual												
6	Eng. and Maintenance	Plan	Zelly	A. Dahlan	Syarifuddin	Rinaldi	Deri	Yadi	Hendra	Jaja	Bintang	Rian	Panji	T. Oka
		Actual												
7	Quality Assurance	Plan	Febi	Watanabe	Agus	Asep A.	Boyke	Danang	Asep A.	Watanabe	Agus	Febi	Boyke	Danang
		Actual												
8	HRPA	Plan	Dr. Pras	Eddy M	Lucky	M Ikhsan	A. Sobri	Junaedi	Sri K.	S Amalia S	Clinic	Clinic	Clinic	Clinic
		Actual												
9	Legal & General Affair	Plan	Hudari	Saefullah	Huda	Roziq	Silvi	Cindha	Endah	Maya	Sabihis	Ari	Roynal	Gus
		Actual												
10	Distribution	Plan	Santi	Hizaz	Adam	Windi	Deden	Masdi	Dede	Kosasih	Umi	Nuni	Tika	Kotani
		Actual												
11	Shipping & Receiving	Plan	Andi I.	Annisa F.	Ari S.	Bayu S.	Tony / Budi U.	Budi Y.P.	Budiyanto	Dicky	Hana / Teguh	Lutfi	Nurcholis	Saeul B.
		Actual												
12	Purchasing	Plan	Ikhsan	Arif	Aswadi	Dewi	Eva	Galuh	Indi	Krisna	Lina	Uus	Vicka	Widi
		Actual												
13	Marketing	Plan	Totok	Martina	Agung	Anjar	Yana	Nevi	Teguh	Bella	Melinda	Rudi	Totok	Martina
		Actual												
14	Finance and Accounting	Plan	Teguh	Anna	Kharismawan	Swarendah	Fahru	Rina	Ramdani	Ferra	Ruri	Nia	Maditanofiq	Kharismawan
		Actual												
15	Safety and Environment	Plan	Yuhroni	Ukki	Nina M.	Dipo	Herman	Yuhroni	Ukki	Nina M.	Firman	Dipo	Herman	Edy
		Actual												
		Plan	Sunaryo	Edo	Rifqi	Salam	Sunaryo	Dipo	Salam	Edo	Asri	Rifqi	Asri	Firman
16	IPAC member	Plan	M. Syahid	Agus S.	Dody F.	Tandur	Andi S.	Kutni H.	Sonny S.	Rahma	Eva E.	Fenti M.	Agus S.	Dody F.
		Actual												
TOTAL PERSONS														

Note : - Patrol Every 4th week in each month
 - Time : 14:00 ~ 16:00
 Group 1 : AA/HPAA, Inhibitor AA&HPAA, EA
 Group 2 : BA, EHA, Utility, WWT
 Group 3 : GWH,PWH,Tank Yard,Delivery Area, & B3
 Group 4 : PPE & Health , NSI Office Safety
 Group 5 : SAP (Inside & Outside Building)
 Group 6 : 2AA,Catalyst WH & Contractor Office Safety

Prepared By,

M. Rifqi Alauddin
 SE Staff

Checked By,

RM. Dipo
 SE Sr. Spv.

Edy S.
 SE Sr. Spv.

Acknowledge By,

Savid J.
 SE Sr. Manager

Approved By,

Heroe Soesanto
 Deputy Plant Manager of Operation &
 Safety / Environment

Approved By,



H. Takaki
 Plant Manager

Form No. : SGP-3901-02-01, 09-Sep-14

Environmental Health & Safety Patrol

Hasil EHS Patrol yang dilaporkan pada Safety Committee Meeting

AREA	INSPECTOR
AA, PAA, INHIBITOR, EA	Ukki, Nana, Kharismawan
BA, EHA, UTILITY, WWT	Firman, Adam F, Agung, Sardiman
GENERAL W/H, PRODUCT W/H, PROD. TANK, MATERIAL TANK, DELIVERY AREA, TPS B3	T.Oka, Doddy, Saeful Bahri
PPE & HEALTH, SAFETY OFFICE	Hafid, Nadia, Siti Annisa, Nufus
SAP (INSIDE & OUTSIDE)	Sayid, Adam, Mujadid
2AA, CATALYST W/H, CONTRACTOR OFFICE	Heroe S, Hendaryatna, Aswadi, Alvin






Found leak point at gland packing side valve 3MS			
		Area	1AA Oxidation 2 nd Floor
		Responsible	Production AA Shift A
		Action	Already install barricade and request MWR no P-5643
		Date	January 10.2018
		Remark	Finish
Before	After		
Found U Bolt sign eye wash loosen			
		Area	PAA 4 th Floor
		Responsible	SE
		Action	Reinstall U Bolt
		Date	January 5, 2018
		Remark	Finish
Before	After		

5S Patrol

Hasil 5S Patrol dilaporkan setiap bulannya kepada Manajemen dalam EHS Committee Meeting

5S Report December 2017

Finding List

No	Area	Finding	Picture	Follow Up Action	Remarks	Follow Up Date
BUSINESS BUILDING		Building Coordinator: Nurcholis				
5	Male Toilet 1st & 2nd Floor	Found improper arrangement of tissue and other tools on the toilet			Already finish conduct properly arranged and cleaning.	27-Dec-17
6	Female Toilet 1st & 2nd Floor	Found improper arrangement of tissue and other tools on the toilet			Already finish conduct properly arranged and cleaning.	27-Dec-17
7	Smoking Room 2nd Floor	Found ceiling was broken		Have to replace all ceiling wall, can not repair cut per piece, still under approval budget		

Cleaning Day

Responsible Area (1st Week)



Public/Community Area (3rd Week)



Contractor Safety Coordinator Training



Training Session



09/11/2017 14:28

Certificate Training



09/11/2017 14:27

TRAINING CONSIST :

No.	Training Title	Duration (minutes)
1.	Confined Space Entry Procedure	60
2.	Working on Height Elevation	75
3.	Scaffolding Safety Management	75
4.	NSI work Permit System & Basic Safety	45
5.	ASDM Safety Patrol	45
6.	SDS & First Aid in Case Spill	60

Safety Sign di Area Pabrik

INFORMASI DATA KESELAMATAN PRODUK			
ASAM AKRILAT (AA)	ETIL AKRILAT (EA)	n-BUTIL AKRILAT (BA)	2-ETIL HEKSIL AKRILAT (2-EHA)
PAPARAN	BAHAYA	TINDAKAN PERTOLONGAN PERTAMA	
TERKENA MATA	IRITASI DAN KERUSAKAN	Basuh dengan air minimal 30 menit. SEGERA KE KLINIK	
TERKENA KULIT	IRITASI DAN KERUSAKAN	Siram dengan air minimal 30 menit. SEGERA KE KLINIK	
TERHIRUP	IRITASI DAN KERUSAKAN	Pindah ke udara segar. SEGERA KE KLINIK	
TERTELAN	BERBAHAYA DAN BERACUN	Jangan di muntahkan, SEGERA KE KLINIK , minum air yang banyak	
KE LINGKUNGAN	BERBAHAYA DAN BERACUN	Lakukan penanganan tumpahan, SEGERA LAPORKAN ke control room melalui paging, radio, atau telpon ke ext : 6126 / 6122, dan tutup gerbang oil separator	
ALAT PELINDUNG DIRI YANG DIGUNAKAN	PENANGANAN TUMPAHAN	PENANGGULANGAN KEBAKARAN	
	<ol style="list-style-type: none"> Tumpahan dengan jumlah < 200 Liter <ul style="list-style-type: none"> Serap dengan pasir/Majun. Masukan kedalam drum chemical spill. Segera laporkan ke Control room melalui paging, radio, atau telpon ke ext : 6126 / 6122 Tumpahan dengan jumlah > 200 Liter <ul style="list-style-type: none"> Hentikan area yang bocor. Blok dengan pasir & pasang barricade area. Segera laporkan ke Control room melalui paging, radio, atau telpon ke ext : 6126 / 6122 	<ol style="list-style-type: none"> Gunakan dry chemical powder, foam, air (untuk EA, BA & 2-EHA TIDAK BOLEH LANGSUNG MENGGUNAKAN AIR) Dinginkan tanki produk dengan air JANGAN melawan arah angin 	

Summary SDS di Area Kerja

Safety Sign di Area Pabrik



10 Prinsip Keselamatan Sign di Area Kerja

Safety Sign di Area Pabrik

Pictogram di Area Gudang

Chemical Warehouse



Product Warehouse



Safety Sign di Area Pabrik

Pictogram di Gudang Limbah B3



Safety Sign di Area Pabrik

Pictogram di Pipeline Loading



Safety Sign di Area Pabrik

Pictogram, Grounding dan Instruksi Kerja

Grounding

Instruksi Kerja



Safety Sign di Area Pabrik

Peraturan Masuk Ke Area Pabrik



Safety Sign di Area Pabrik



Peraturan Sebelum Memasuki Kontainer

Safety Sign di Area Pabrik

Pemantauan bunyi/bising dilakukan setiap bulan



Pemantauan Getaran dilakukan setiap tahun

Evaluasi hasil pemantauan lingkungan dilakukan satu kali per bulan pada rapat P2K3 (EHS Komite)

Noise Monitoring

Nama pelanggan : PT. NIPPON SHOKUBAI INDONESIA
 Alamat : Kawasan Industri Pancapuri Jl. Raya Anyer Km.122
 Gunungsugih Ciwandan Cilegon 42447
 No. identifikasi contoh : 6103-01/K/08/2014
 Uraian contoh : **Kebisingan Dalam Ruangan **)**
 Metode pengambilan contoh : SNI 7231 : 2009
 Tanggal diambil : 20-21 Agustus 2014
 Tanggal diterima di Lab : 21 Agustus 2014
 Tanggal pengujian : 21 Agustus 2014 sampai 18 September 2014

Hasil Pengujian

NO.	LOKASI	SUMBER KEBISINGAN	HASIL *) dB(A)
1	SAP Plant 1 CA 1 Lt. 1	Aktifitas mesin	82,3
2	SAP Plant 1 CA 2 Lt. 1	Aktifitas mesin	83,4
3	SAP Plant 2 CA 1 Lt. 1	Aktifitas mesin	82,4
4	SAP Plant 2 CA 2 Lt. 1	Aktifitas mesin	83,3
5	SAP Plant 3 CA 1 Lt. 1	Aktifitas mesin	82,6
6	SAP Plant 3 CA 2 Lt. 1	Aktifitas mesin	81,6
7	SAP Plant FUB Lt. 2	Aktifitas mesin	79,7

Vibration Monitoring

Nama pelanggan : PT. NIPPON SHOKUBAI INDONESIA
 Alamat : Kawasan Industri Pancapuri Jl. Raya Anyer Km.122
 Gunungsugih Ciwandan Cilegon 42447
 No. identifikasi contoh : 6103-03/GT/08/2014
 Uraian contoh : **Getaran Kejut Pada Bangunan *)**
 Metode pengambilan contoh : KEP-49.MENLH/11/1996
 Metode Analisis : Manual Alat Lutron VB-8200
 Tanggal diambil : 20-21 Agustus 2014
 Tanggal diterima di Lab : 21 Agustus 2014
 Tanggal pengujian : 21 Agustus 2014 sampai 18 September 2014

Hasil Pengujian

NO.	LOKASI	SUMBER GETARAN	HASIL (mm/detik)
11	SAP Plant 1 CA 1 Lt. 3	Mesin minox shifter	2,1
12	SAP Plant 2 CA 1 Lt. 3	Mesin minox shifter	0,9
13	SAP Plant 3 CA 1 Lt. 3	Mesin minox shifter	0,8
14	SAP Plant 1 CA 2 Lt. 3	Mesin reaktor A - 1802	1,5
15	SAP Plant 2 CA 2 Lt. 3	Mesin reaktor A - 2802	0,8
16	SAP Plant 3 CA 2 Lt. 3	Mesin reaktor A - 3802	1,2
17	SAP Plant 1 CA Lt. 4	Mesin blower K - 1828	2,8

Safety Sign di Area Pabrik



Scaffolding Tangging At Field

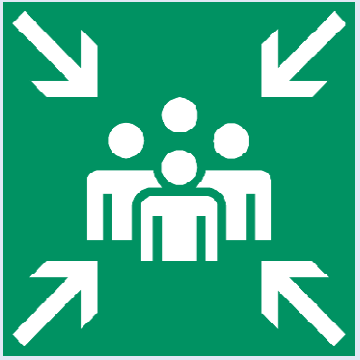


Arah Menuju Assembly Point

Evacuation Assembly Area



Jika terjadi Emergency, ditandai dengan bunyi alarm/sirine, tunggu pengumuman melalui paging, silahkan segera pergi ke tempat Evacuation Assembly Area



**EVACUATION
ASSEMBLY
AREA**



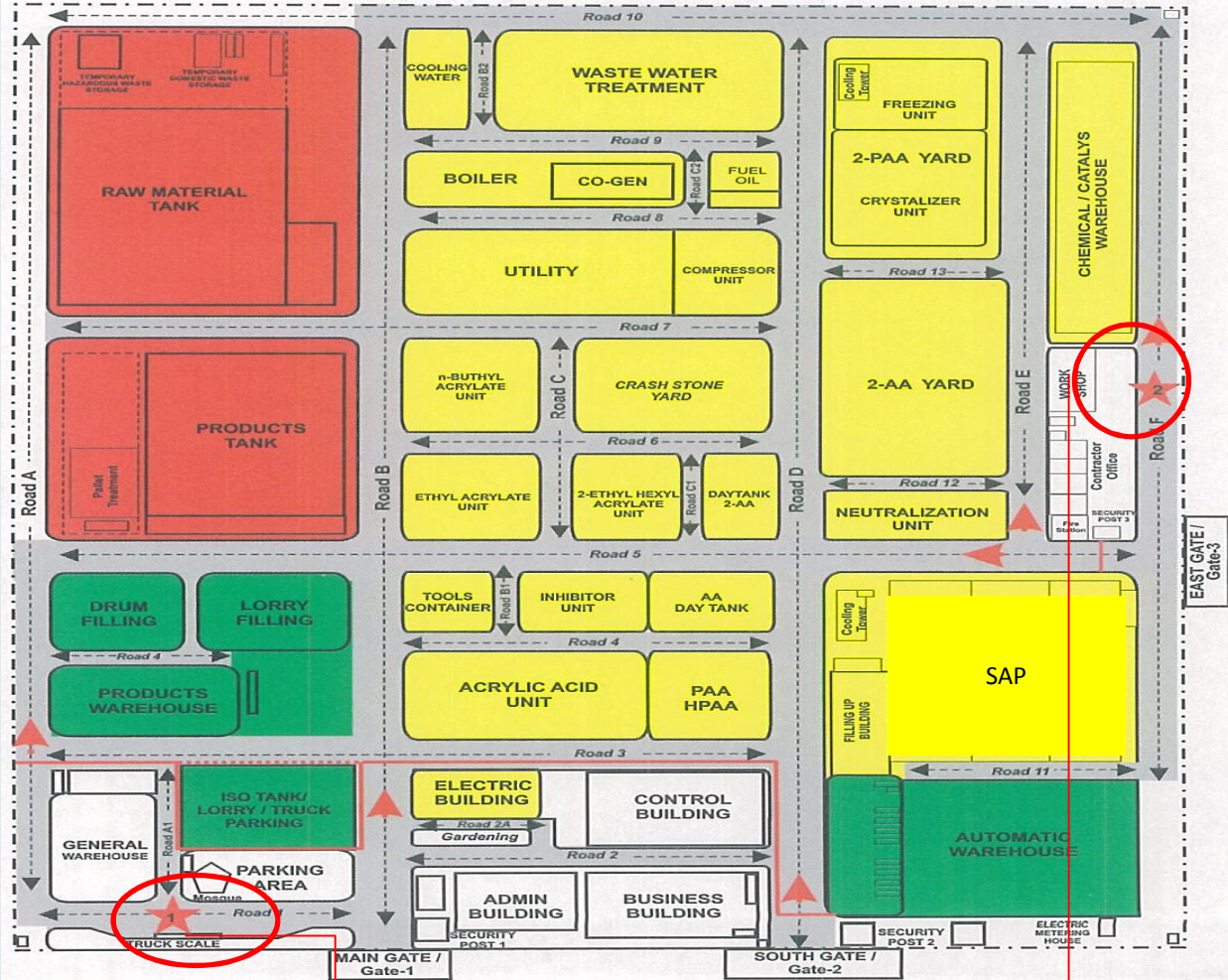
**Emergency
exit**

PT. NIPPON SHOKUBAI INDONESIA PLANT LAY OUT

Revisi - 02
Date : August ' 2013



★ = TEMPAT EVAKUASI /
EVACUATION ASSEMBLY AREA
— = LINE START TO WEARING SAFETY GLASSES



NOTE : Green Area, Yellow Area and Red Area are called as Plant Operation Area
Area Hijau, Area Kuning dan Area Merah adalah disebut sebagai Area Operasi Pabrik

**Jika terjadi Emergency, fire alarm akan di
aktifkan / inform by paging, silahkan segera
pergi ke tempat Evacuation Assembly Area.**

Evacuation Assembly Area

Safety (Red) Line untuk Peringatan Harus Menggunakan APD Lengkap



Garis Merah adalah Tanda bahwa seluruh karyawan harus menggunakan APD

Safety (Red) Line untuk Peringatan Harus Menggunakan APD Lengkap



Video Implementasi “Red Lines” at Field

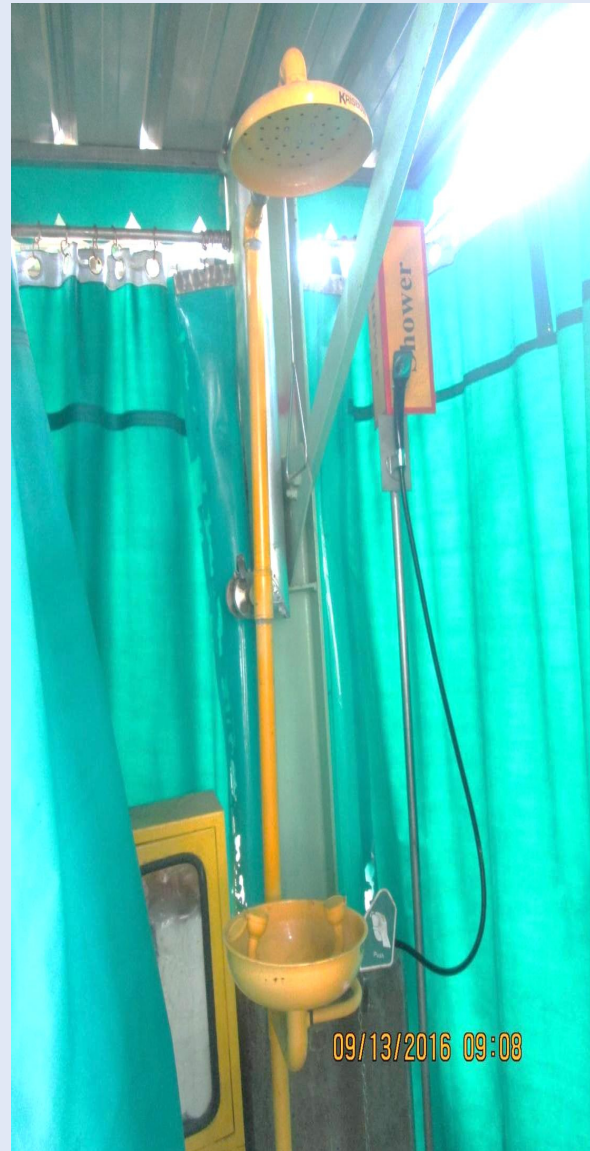
Emergency Eye Wash & Shower



Open Type
Emergency Eyewash & Shower

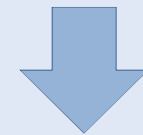


Emergency Eye Wash & Shower



Disediakan:

- Handuk (1 Buah)
- Kimono (1 Buah)
- Sendal sepasang



Close Type Emergency Eyewash & Shower

Pointing & Calling (KYT)

KYT ENG. & MAINT.

REMOVE SHAFT SLEEVE SRM-04

- ❖ **Date** : October 07, 2013
- ❖ **Attendance** : 12 Persons
- ❖ **The Most Danger Point** :
Mr. C will falling down because slippery
- ❖ **Countermeasure** :
 1. Hanging body hardness
 2. More lower position of traveling hoist
 3. Make special tool
- ❖ **Key Word**
Hanging body hardness, yes yes...
3x



Pointing and Calling
on the Road

Pointing & Calling



Video Implementasi Pointing & Calling at Field - DCS

Pelanggaran terhadap Peraturan K3

Pelanggaran K3 (bukan golden rule) dikenakan sanksi berupa 1 Punch (lubang) pada ID Card, peraturan ini dijelaskan saat safety induction:

- 1X pelanggaran: 1 lubang
- 2X pelanggaran: 2 lubang
- 3X pelanggaran: 3 lubang + dikeluarkan dari area NSI dan tidak diperbolehkan masuk kembali selamanya



Contoh pelanggaran yang terjadi di pabrik

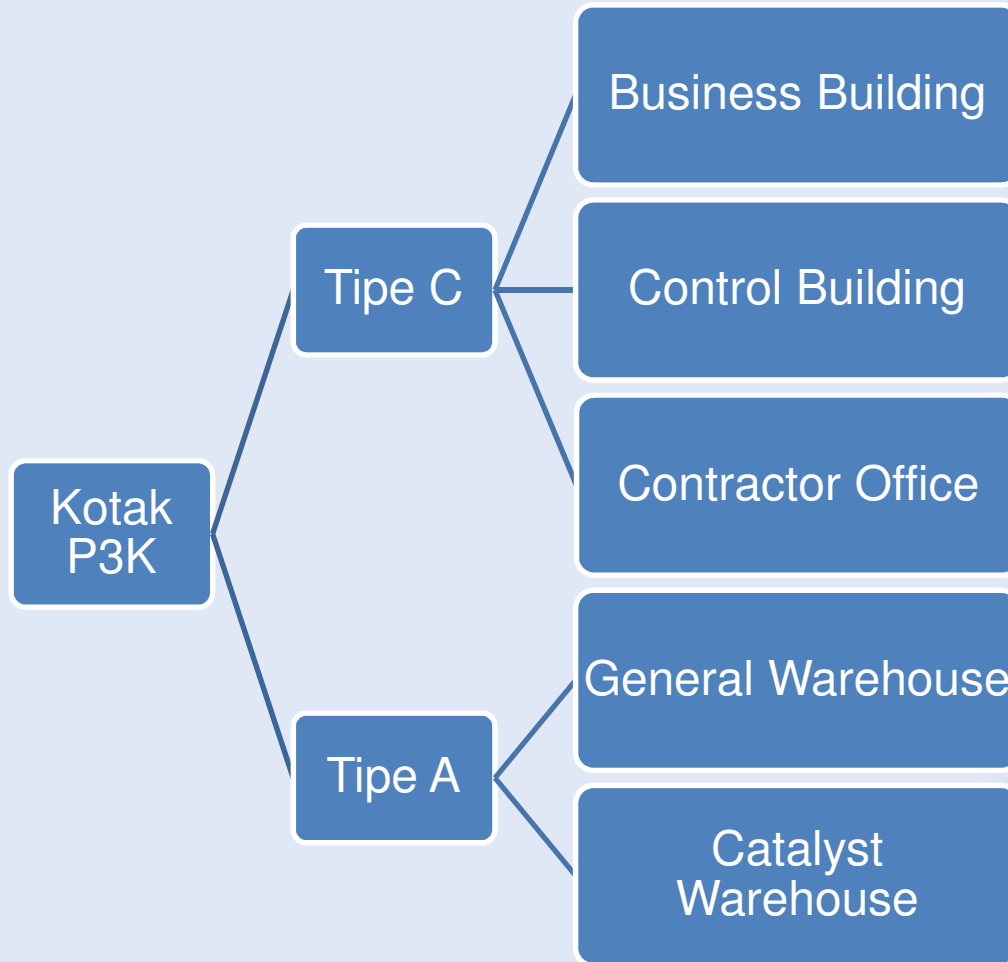
Fasilitas Kesehatan (Klinik)



- Menakertrans RI regulation No : PER-15/MEN/VIII/2008
 - Tentang Fasilitas First aid

Clinic Facility

Fasilitas Kesehatan (Kotak P3K)



Kotak P3K di Setiap Gedung

Fasilitas Kesehatan (Klinik / Ambulance)



Ambulance

Fasilitas Kesehatan (Pengobatan)

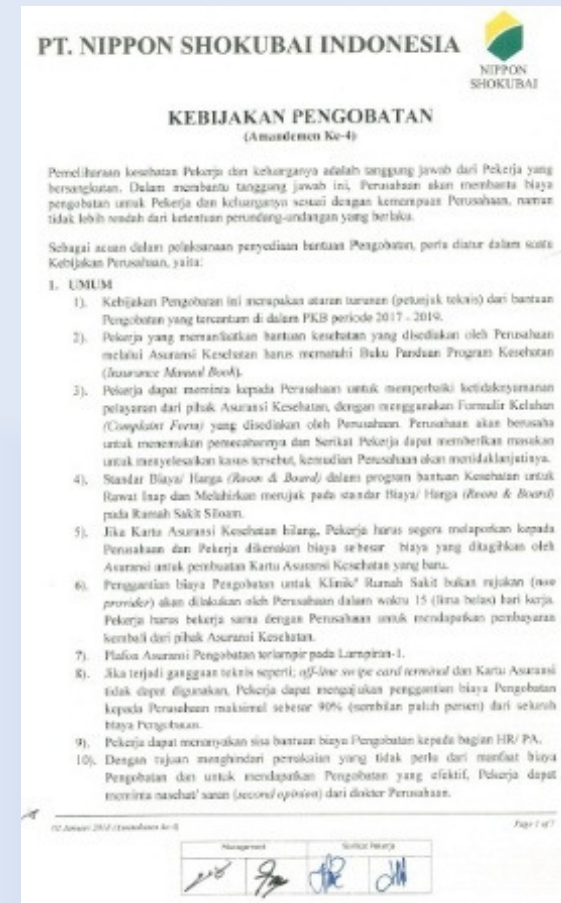
Covered by Company (Insurance)



Covered by BPJS



Covered by Company (Own) **Medical Policy**



5. Kegiatan inspeksi alat-alat pemadam kebakaran

- Fire Hose & Fire Nozzle

SCHEDULE OF FIRE HYDRANT, FIRE HOSE & NOZZLE WEEKLY TEST
Location : Existing Plant


Year	Nov-17				Des-17				Jan-18				Feb-18			
Week	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
HS Number	CO-1-W001	BO-1-W002	QWH-1-W003	QWH-1-W004	PWA-1-F005	DF-1-F006	DF-1-W007	LF-1-F008	PT-1-W009	PT-1-F010	PT-1-F011	PS-1-W012	PS-1-W013	PT-1-W014	PT-1-F015	PS-1-F016
PIC																
Edu S, Salim, UAG, R/R																
Dian, Nohoni, Herman, Edi																


Year	Mar-18				Apr-18				May 2018				Jun-18				
Week	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	
HS Number	PT-1-F017	MT-1-W018	MT-1-F019	MT-1-W020	MT-1-F021	MT-1-W022	MT-1-F023	SWY-1-F024	SWY-1-W025	SWY-1-W026	LT-1-W027	LT-1-W028	LF-1-W029	ST-1-F030	ST-1-W031	LF-1-F032	LF-1-F033
PIC																	
Edu S, Salim, UAG, R/R																	
Dian, Nohoni, Herman, Edi																	


Year	Jul-18				Agu-18				Sep-18				Okt-18			
Week	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
HS Number	BA-1-W035	BA-1-F036	BA-1-W037	BA-1-F038	BA-2-F039	BA-2-F040	BA-2-F041	EA-1-F042	EA-1-W043	EA-2-F044	EA-2-F045	EA-4-F046	EA-1-F047	EA-2-F048	EA-2-F049	EA-4-F050
PIC																
Edu S, Salim, UAG, R/R																
Dian, Nohoni, Herman, Edi																


Year	Nov-18				Des-18				Jan-19			
Week	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4
HS Number	AA-1-F051	AA-1-W052	AA-1-F053	AA-1-W054	AA-2-F055	PAA-3-W056	PAA-4-F057	AA-1-W058	PAA-1-F059	PAA-1-F060	AA-1-W061	CS-1-W062
PIC												
Edu S, Salim, UAG, R/R												
Dian, Nohoni, Herman, Edi												

Date Prepared : 8 November 2017.
Rev. 0

Prepared By:  Edo Sumardi
Safety Sr. Supervisor

Approved By:  Herman
Safety Sr. Supervisor

Knowlege By:  David
Sr. Manager

Approved By:  Heras
DPM of Operation & SE



Peralatan Tanggap Darurat

Peralatan untuk Respon Keadaan Darurat



Fire Truck



Heat detector



Smoke Beam



Smoke detector



Manual Call Point (Indoor)

Peralatan Tanggap Darurat



Fire Extinguisher



Manual Call Point (Out door)



Hydrant

6. Kegiatan Bulan K3



6. Kegiatan Bulan K3

- Internal Memo
- Opening Ceremony (Pembacaan Text Menaker, opening speech President Director)
- Perlombaan:
 - Fire hose competition
 - Breathing Apparatus
 - First Aid
 - Spill handling
 - Fire Extinguisher for women.
 - Safety Poster
 - Safety Quiz
 - HSE Assay (Karya tulis tentang K3)
- Closing (Flag ceremony, pembagian hadiah lomba, atraksi security)
- Perlombaan kegiatan hari K3 di ikuti oleh seluruh karyawan, Kontraktor,



Internal Memo & Opening Ceremony



Opening speech
President Director



Pembacaan Amanat
Menteri Tenaga Kerja
Tentang Hari K3

PT. NIPPON SHOKUBAI INDONESIA

MEMO

To : All NSI Employees
 Contr. (SPC, AKTI, ADRIAN, ETS, HEJ, MBIDEN, GTM, DGS, CMP, Mouliska, BUW, Transporters)

From : Safety Environment Department

Cc : President Director, Plant Manager, Director of HRI & Administration, GM of Purchasing, GM of Financial, GM of Marketing, Corporate Planning Advisor, GM of DSR, All Dept. Heads.

Date : 06 January 2018

Subject : National Safety Day 2018

Regarding on the National Safety Day dated 12 January 2018, and one month National Safety Campaign dated 12 January – 12 February 2018, Safety Environment Dept. will be held:

Dalam rangka menyambut Hari Keselamatan & Kesehatan Kerja (K3) Nasional tanggal 12 Januari 2018, dan Bulan Kampanye Keselamatan Kerja mulai 12 Januari - 12 Februari 2018, Safety Environment Dept. akan mengadakan :

1. Flag Ceremony Safety Day / Upacara Bendera Hari K3
 - Day / Hari : Monday / Senin, 12 February 2018
 - Time / Waktu : 07.00 - 08.00
 - Participant / Peserta : All employees & contractors, except : On Duty Shift Operation & Security
 Seluruh Karyawan & Kontraktor, kecuali Shift Operation & Security yang sedang bertugas
 - Location / Lokasi : Front of Training Centre / Di Depan Training Centre
2. Safety Competition / Perlombaan K3
 - Opening Ceremony Safety Day Campaign / Pembukaan Kampanye Hari K3
 - Day / Hari : Friday / Jumat, 12 January 2018
 - Time / Waktu : 13.30 - 13.45
 - Location / Lokasi : Front of Business Building / Di Depan Business Building
 - a. Fire Hose : 12 January 2018
 - b. Breathing Apparatus : 17 January 2018
 - c. Spill Handling : 25 January 2018
 - d. First Aid : 29 January 2018
 - e. Safety Poster : 30 January 2018
 - f. Safety Quiz : 6 - 7 February 2018
 - g. Make HSE Essay : 31 January 2018
 - h. Fire Extinguisher : 25 January 2018 (Special for women employee)

See separated attachment of competition regulation / Lihat lampiran tersendiri tentang peraturan lomba.

Reward for the winners competition will be given on Flag Ceremony Safety Day
 Hadiah untuk pemenang lomba akan diberikan pada Upacara Bendera Hari K3

If you need further information about this campaign, please do not hesitate to contact Safety Environment Dept.
 Bila anda memerlukan informasi lebih lanjut tentang kampanye ini, dapat menghubungi Safety Environment Dept.

Prepared by,  Umi Imawan L.
SE Jr. Supervisor

Checked by,  Saiful Jumar
SE Sr. Manager

Approved by,  Herce Soesanto
DPM of Operation & SE

 H. Takaki
Plant Manager

Form No. : SA-SDM-06-10, 09-Sep-14

Fire Hose Competition



← NSI operator



Contractor →

FIRE HOSE DRILL COMPETITION

- Peserta per Team (6 personil).
 - Terbuka untuk Karyawan NSI & Kontraktor.
 - Satu Departemen / Section hanya diperbolehkan mengirim satu team. Team Peserta sebagai berikut :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
 19. Security Group B
 20. Security Group C
 21. Security Group D
 22. HRP/ A / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
 - Materi Lomba : Peserta menggelar 4 selang dengan 2 nozzle.
 - Penilaian pada :
 - Seberapa banyak air terisi ke dalam drum tersebut selama waktu maksimal 1 menit tim melakukan pengisian air kedalam drum (200 L). Drum diletakkan pada elevasi 2 m (diatas scaffolding).
 - Menggelar, menyambung, semprot, menggulung, strategi.
 - Kerjasama Team.
 - Faktor Keselamatan.
 - Tempat Pelaksanaan : Belakang General W/H
 - Waktu Pelaksanaan : 12 Januari 2018
Jam : 14.00 – 16.00 (1 hari selesai)
 - Pendaftaran peserta ke Safety Env. Dept., Paling lambat : 10 Januari 2018
- Participant per Team (6 personnel).
 - Open for NSI Employees & Contractors.
 - One Department / Section can submit only 1 team. Participant Team as follow:
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
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 20. Security Group C
 21. Security Group D
 22. HRP/ A / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
 - Competition Item : Participant lay down 4 fire hose with 2 nozzle.
 - Judgment score are :
 - Water content at the drum during maximal 1 minute the team conduct filling water to drum (200L). Drum on elevation 2 m (above scaffolding).
 - Lay down, connect, spraying, make up hose & strategy.
 - Team Work.
 - Safety Factor.
 - Location: Behind General W/H
 - Competition Date : 12 January 2018
Time : 14.00 – 16.00 (1 day finish)
 - Participant shall register to Safety Env. Dept., At least 10 January 2018

Form No. : SS-FHIC-10-00, 09-Sep-14

Breathing Apparatus Competition



Menggunakan SCBA & Fire Jacket



BREATHING APPARATUS COMPETITION REGULATION

Fire Jacket & Trousers :

- ✓ Use fire jacket & helmet perfectly.
Menggunakan fire Jacket & helmet dengan baik
- ✓ Helmet good tightening.
Helmet terikat kuat.
- ✓ Neck cover of fire jacket + trousers correctly installs.
Pentup leher fire Jacket + Celana terpasang baik.

Fire Jacket Score :

A :	Excellent	(- 30 sec)
B :	Good	(- 15 sec)
C :	Average	(0 sec)
D :	Poor	(+ 15 sec)
E :	Very Poor	(+ 30 sec)

Breathing Apparatus :

Setting Cylinder bottle to Body Harness & Use Breathing Apparatus perfectly :
(No leak on mask, belt tight, bottle fix position not loose)

*Memasang Botol ke Body Harness dan Menggunakan Breathing Apparatus dengan baik :
(tidak ada kebocoran di masker, sabuk dilikat kuat, posisi botol fix tidak longgar)*

Breathing Apparatus Score :

A :	Excellent	(- 30 sec)
B :	Good	(- 15 sec)
C :	Average	(0 sec)
D :	Poor	(+ 15 sec)
E :	Very Poor	(+ 30 sec)

How to start / finish : Bagaimana untuk memulai & selesai :

1. 1 team consist of 2 persons / **1 tim terdiri dari 2 orang.**
2. Start measure time : When judgement team instruct to start competition.
Mulai penghitungan waktu : Ketika juri memerintahkan untuk memulai perlombaan.
3. Finish measure time : When 2 person in team already together complete using Breathing Apparatus & Fire Jacket.
Selesai menghitung waktu : Ketika 2 personnel dalam tim telah selesai bersama-sama menggunakan Breathing Apparatus & Fire Jacket.
4. Location : Fire Station Baru
Tempat pelaksanaan : New Fire Station
5. Competition Date/Time : 17 January 2018 / 14.00 – 16.00
Waktu pelaksanaan/waktu : 17 January 2018 / 14.00 – 16.00
6. Participant shall register to Safety Env. Dept. at least 10 Januari 2018
Pendaftaran peserta ke Safety Env. Dept. Paling lambat Tanggal 10 January 2018

Form No. : SS-BCR-10-00, 09-Sep-14

Fire Extinguisher For Women Competition



← Pengecekan Tekanan APAR



Pemadaman Api Menggunakan APAR

FIRE EXTINGUISHER COMPETITION FOR WOMAN

- Peserta hanya diperuntukkan khusus wanita.
 - Terbuka untuk Karyawan NSI & Kontraktor.
 - Satu Departemen / Section hanya diperbolehkan mengirim satu peserta. Peserta sebagai berikut :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation & Operation Service (Monomer)
 10. Operation Service & PM (SAP)
 11. Eng. & Maintenance Dept.
 12. QA Dept.
 13. Production Technical & PPS
 14. GA Dept. (Non Shift)
 15. HRPA / EAL / F. Accounting
 16. Purchasing, Marketing, DSR
 17. IT / Logistic
 18. SPC / TTP / AKTI / ETS (Subcont)
 19. DGS
 - Materi Lomba :
 - Peserta harus memadamkan api menggunakan 1 (satu) botol Alat Pemadam Api Ringan (APAR).
 - Penilaian pada :
 - Seberapa lama waktu untuk memadamkan api.
 - Strategi pemadaman menggunakan APAR dengan prinsip PASS (Pull, Aim, Squeeze, Sweep).
 - Faktor Keselamatan.
 - Tempat Pelaksanaan : Training Centre (Ex. Toyo Office)
 - Waktu Pelaksanaan : 23 Januari 2018
Jam : 13.30 – 16.00 (1 hari selesai)
 - Pendaftaran peserta ke Safety Env. Dept.,
Paling lambat : 10 Januari 2018
- Participant allow only for women..
 - Open for NSI Employees & Contractors.
 - One Department / Section can submit only 1 participant. Participant as follow:
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation & Operation Service (Monomer)
 10. Operation Service & PM (SAP)
 11. Eng. & Maintenance Dept.
 12. QA Dept.
 13. Production Technical & PPS
 14. GA Dept. (Non Shift)
 15. HRPA / EAL / F. Accounting
 16. Purchasing, Marketing, DSR
 17. IT / Logistic
 18. SPC / TTP / AKTI / ETS (Subcont)
 19. DGS
 - Competition Item :
 - Participant have to extinguish fire using 1 (one) bottle of fire extinguisher.
 - Judgment score are :
 - How many time who needed to extinguish fire.
 - Strategy to extinguish fire using fire extinguisher based on PASS (Pull, Aim, Squeeze, Sweep).
 - Safety Factor.
 - Location : Training Centre (Ex. Toyo Office)
 - Competition Date : 23 January 2018
Time : 13.30 – 16.00 (1 day finish)
 - Participant shall register to Safety Env. Dept.,
At least 10 January 2018

Spill Handling Competition



Peserta sedang menjelaskan karakteristik bahan kimia



Peserta sedang menangani tumpahan bahan kimia

SPILL HANDLING COMPETITION REGULATION

- Peserta per team (3 personnel).
- Terbuka untuk Karyawan NSI & Kontraktor.
- Satu Departemen / Section hanya diperbolehkan mengirim 1 Team. Team Peserta sebagai berikut :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
 19. Security Group B
 20. Security Group C
 21. Security Group D
 22. HRPA / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
- Materi Lomba :
 - Penanganan tumpahan bahan kimia & Limbah B3 (padat / cairan) dengan peralatan yang sesuai. Materispill handling akan diundi saat lomba. (Peralatan & material spill akan disiapkan panitia.)
- Penilaian pada : PPE, Pemilihan Penggunaan Peralatan / Material, Handling Procedure, Housekeeping, Safety, Penjelasan Disposal Procedure, Team Work.
- Tempat Lomba : New Fire Station
- Waktu Pelaksanaan : 25 Januari 2018
Jam : 14.00 – 16.00 (1 hari selesai)
- Pendaftaran nama anggota team ke Safety Env. Dept. Paling lambat 10 Januari 2018.
- Participant per team (3 personnel).
- Open for NSI Employees & Contractors.
- One Department / Section can submit only 1 Team. Participant Team as follow :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
 19. Security Group B
 20. Security Group C
 21. Security Group D
 22. HRPA / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
- Competition Item :
 - Handling chemical & Hazardous waste spill (solid / liquid) using proper equipment. Spill handling item shall be selected by lottery on day of competition. (Spill equipment & material will prepared by organizer.)
- Judgment score are : PPE, Selection Equipment / Material, Handling Procedure, Housekeeping, Safety, Explain Disposal Procedure, Team Work.
- Place : New Fire Station
- Competition Date : 25 January 2018
Time : 14.00 – 16.00 (1 day finish)
- Register name list of team to Safety Env. Dept., Closing date 10 January 2018.

Form No. : SE-SHC-10-00, 09-Sep-14

First Aid Competition



Peserta sedang menangani korban



RESCUE – FIRST AID COMPETITION REGULATION

- Peserta per team (4 personnell).
- Terbuka untuk Karyawan NSI & Kontraktor.
- Satu Departemen / Section hanya diperbolehkan mengirim 1 Team.
- Team Peserta sebagai berikut :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
 19. Security Group B
 20. Security Group C
 21. Security Group D
 22. HRP/PA / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
- Materi Lomba :
 - Penanganan korban menggunakan stretcher.
 - Meberikan bantuan first aid pada korban (Materi first aid akan diundi saat lomba)
- Penilaian pada :
 - Stretcher, Pemilihan First Aid Equipment, First Aid Procedure, Kenyamanan Korban, Keselamatan / Keamanan Korban, Kerjasama Team.
- Tempat Pelaksanaan : Admin Building A - 101
- Waktu Pelaksanaan : 29 Januari 2018 Jam : 14.00 – 16.00 (1 hari selesai)
- Pendaftaran nama anggota team ke Safety Env. Dept., Paling lambat 10 Januari 2018
- Participant per team (4 personnell).
- Open for NSI Employees & Contractors.
- One Department / Section can submit only 1 Team.
- Participant Team as follow :
 1. Shift Operation A (Monomer)
 2. Shift Operation B (Monomer)
 3. Shift Operation C (Monomer)
 4. Shift Operation D (Monomer)
 5. Shift Operation A (SAP)
 6. Shift Operation B (SAP)
 7. Shift Operation C (SAP)
 8. Shift Operation D (SAP)
 9. Day Time Operation (Monomer)
 10. Operation Service (Monomer)
 11. Operation Service (SAP)
 12. Production Maintenance (SAP)
 13. Eng. & Maintenance Dept.
 14. QA Dept.
 15. Production Technical & PPS (Monomer)
 16. Production Technical & PPS (SAP)
 17. GA Dept. (Non Shift)
 18. Security Group A
 19. Security Group B
 20. Security Group C
 21. Security Group D
 22. HRP/PA / EAL / F. Accounting
 23. Purchasing, Marketing/DSR
 24. IT / Logistic
 25. SPC / TTP / AKTI / ETS (Subcont)
 26. GTM
 27. DGS
- Competition Item :
 - Handling victim use stretcher
 - Giving first aid assistance to victim (First Aid Item shall be determine by lottery on day of competition)
- Judgment score are :
 - Stretcher, Selection First Aid Equipment, First Aid Procedure, Comfortable of Victim, safety / Secure of Victim, Team Work.
- Place : Admin Building A - 101
- Competition Date : 29 January 2018 Time : 14.00 – 16.00 (only 1 day)
- Participant shall register of team to Safety Env. Dept., Closing date 10 January 2018

Safety Quiz Competition



Peserta Safety Quiz (3 orang/group)



Contractor sebagai peserta Safety Quiz

Safety Quiz Regulation

Peraturan Cerdas Cermat K3

- Satu tim terdiri dari 3 orang
One team consists of 3 peoples
- Perlombaan terdiri dari 3 tahap yaitu, penyisihan, Semifinal dan final
Competition consists of three session, namely, the preliminary, semi-final and final
- Tiap tim diberi waktu untuk berpikir & menjawab selama 5 detik dan 30 detik untuk soal hitungan.
Each participant was given 5 seconds to think & answer and 30 second for calculation question.
- Babak penyisihan terdiri dari 20 soal dengan sistem adu cepat – Apabila jawaban salah, Pertanyaan tidak dapat dilemparkan ke tim lain.
The preliminary session consists of 20 questions with a scramble system - if the answer is wrong, questions can't be thrown to the other team.
- Babak semifinal terdiri dari 20 soal dengan sistem adu cepat – Apabila jawaban salah atau tim yang berhak menjawab tidak melontarkan jawaban dalam waktu 5 detik, Pertanyaan dapat dilemparkan ke satu tim lain dengan sistem adu cepat pula.
The semifinal consist of 20 questions with scramble system - if the answer is wrong or the team can't answer within 5 seconds, Questions can be thrown to other team also by scramble system.
- Babak Final terdiri dari 30 soal dengan sistem adu cepat – Apabila jawaban salah atau tim yang berhak menjawab tidak melontarkan jawaban dalam waktu 5 detik, Pertanyaan dapat dilemparkan ke tim lain dengan sistem adu cepat pula.
The final consist of 30 questions with scramble system - if the answer is wrong or the team can't answer within 5 seconds, Questions can be thrown to others team also by scramble system.
- Nilai setiap pertanyaan Adu Cepat, bila jawaban peserta

• Benar	:	Nilai 100
• Salah / Hanya sebagian benar	:	Dikurangi 50 (minus 50).

In scramble Session, if a team give answer

• Correct	:	Plus 100
• Wrong / partly correct	:	Deduct 50 (minus 50)

If the answer is inaccurate or incomplete then it would be considered as wrong answer
- Bila pada akhir Babak Adu Cepat terdapat nilai yang sama, maka akan diadakan 1 (satu) pertanyaan tambahan hanya untuk peserta yang sama nilainya tersebut.
When finish scramble Session still have same score, so will give 1 (one) additional question only for team which have same score.
- Pemenang Satu, Dua, Tiga adalah nilai tertinggi pertama, kedua, & ketiga pada Cerdas Cermat ini.
Winner One, Two, Three are highest score first, second, third on this Safety Quiz Competition.
- Bagi peserta yang tidak hadir pada waktu kompetisi yang telah ditentukan tanpa konfirmasi kepada panitia, maka akan dianggap mengundurkan diri dan dinyatakan gugur
Team who has not attending the competition without confirmation, will be considered to have resigned and will be disqualified from the competition.
- Penonton dilarang memberikan bantuan jawaban atau kode pada peserta. Bila ini terjadi, penonton tersebut akan dikeluarkan dari ruangan dan pertanyaan dibatalkan, diganti dengan pertanyaan cadangan.
Audience cannot give assistance or code for answer to participant team. if this happened, he / she will be dismissed from the room and abort the question, change to spare question.
- Keputusan Tim Juri adalah mutlak, tidak dapat diganggu-gugat.
Decisions of Judgment Team is absolute, no inviolable.
- Waktu Pelaksanaan : 6 – 7 Februari 2018
Jam : 14.00 – 16.00
Competition Date : 6 – 7 February 2018
Time : 14.00 – 16.00
- Tempat: Ruang Multipurpose
Place: Multipurpose Room (Business Building)
Pendaftaran nama anggota team ke Safety Env. Dept.
Paling lambat : 30 Januari 2018.
Register name list of team to Safety Env. Dept.,
Closing date January 30, 2018.

Safety Poster Competition



Poster dipamerkan di kantin



Penjurian Poster oleh Management

PT. NIPPON SHOKUBAI INDONESIA

ENVIRONMENT HEALTH SAFETY POSTER REGULATION

- **Participant as individual**
Peserta adalah perorangan
- **Open for NSI Employees, Contractors & Transporters**
Terbuka untuk Karyawan NSI, Kontraktor & Transporter
- **Participant can submit more than 1 picture (max. 3).**
Peserta diperbolehkan mengirim lebih dari satu gambar (max. 3).
- **Picture contents : picture have theme concerning in "PPE USAGE AT PLANT" which draw on paper size A3 with corner line 1cm and give name also Department / Company on opposite picture. The picture is not contain conflict of interest issue.**
Materi gambar : bertemakan tentang "Penggunaan APD di pabrik", yang digambar pada kertas ukuran A3 dengan garis pinggir 1cm dan diberi nama peserta dan Departemen / Perusahaan yang bersangkutan dibalik gambar.
Isi tidak mengandung unsur yang dapat menimbulkan *conflict of interest*.
- **Judgment Score are :**
 - Safety, environmental and health philosophy implicated on picture
 - Content and purpose on the picture easy to understand.
 - Good quality of picture.
 - Picture shall be original
 - Picture can not use Computerize
- **Penilaian pada :**
 - Filosofi safety, lingkungan dan kesehatan tersirat dalam gambar
 - Isi dan maksud pada gambar mudah dimengerti.
 - Mempunyai kualitas gambar yang baik
 - Gambar harus asli
 - Gambar tidak boleh menggunakan komputer
- **Picture shall be submitted at the latest on 25 January 2018 to SE Dept.**
Gambar dikumpulkan paling lambat tanggal 25 Januari 2018 ke SE Dept.
- **Evaluation : From all picture will be nominated into 10 best picture by Safety Department and then will be evaluated by Management to get the winner. Best of Ten will be showing at Canteen at 30 January 2018, Time : 10.00 – 11.00 (only 1 day)**
Penilaian : Dari seluruh gambar akan diambil menjadi 10 besar oleh Safety Department, lalu akan dinilai oleh management untuk mendapatkan pemenang. 10 gambar terbaik akan ditampilkan di kantin pada tanggal 30 Januari 2018, Jam : 10.00 – 11.00 (1 hari selesai)

PENGUNTAAN ALAT YANG TIDAK SESUAI DENGAN FUNGSI NYA DAPAT BERPOTENSI MENYERABIKAN KECELAKAAN

Form No. : SA-ESP-10-00, 09-Sep-14

EHS Essay Competition

KAMPAYE BULAN K3 2018 DALAM RANGKA MENYAMBUT “BULAN K3 2018”

Dalam rangka kampanye Bulan K3LH (12 Januari – 12 Februari 2018), di PT. Nippon Shokubai Indonesia akan diselenggarakan Lomba Karya Tulis berkenaan dengan K3LH, dengan tema:

“Penerapan Keselamatan, Kesehatan Kerja dan Lingkungan Hidup (K3LH) di PT. NSI sebagai langkah awal Indonesia Berbudaya K3 2018”

Subtema

1. Dampak positif dari penerapan K3LH di NSI
2. Dampak positif Budaya K3LH di dalam area kerja masing-masing
3. Upaya pencegahan kecelakaan kerja di NSI di area masing-masing yang sudah dilakukan
4. Penerapan K3LH yang sudah dilakukan di area masing-masing
5. Saran positif Anda untuk penerapan K3LH di NSI dimasa yang akan datang

Persyaratan Administrasi

1. Peserta lomba karya tulis ini adalah seluruh karyawan NSI dan kontraktor.
2. Peserta perseorangan atau individu
3. Dari seluruh karya tulis yang diterima akan diseleksi oleh Tim Penilai, hasil penilaian ditentukan oleh Tim dan tidak dapat di ganggu gugat.
4. Karya tulis adalah karya asli yang belum pernah dipublikasikan sebelumnya di media mana pun.

Penerimaan Naskah Karya Tulis

1. Naskah Karya Tulis diterima pihak SE Departement paling lambat 30 Januari 2018
2. Naskah Karya Tulis di kirim langsung ke: **Nina Marlina** atau lewat e-mail ke alamat : nina@shokubai.co.id



HSE Essay
Competition

ATURAN PENULISAN NASKAH KARYA TULIS:

1. Ketentuan Umum Format Penulisan Artikel:

1. Jenis dokumen file berekstensi *.doc atau *.doc; (Word Document)
2. Ukuran kertas A4
3. Jenis huruf times new roman
4. Ukuran Huruf 12 pt
5. Spasi tunggal
6. Artikel tidak boleh lebih dari duahalaman kertas A-4
7. Artikel yang memuat gambar ataupun tabel harus terdapat penjelasan yang sesuai
8. Artikel tentang program yang sudah diterapkan dan untuk yang belum diterapkan harus logis dan memungkinkan untuk diterapkan di NSI *(ini bermaksudkan supaya artikel tidak terbatas program yang sudah ada, tapi bisa juga sebagai bahan masukan untuk program yang bisa kita terapkan selanjutnya)
9. Margin narrow (top,bottom, left, right = 0.5)
10. Alignment = justify
11. Artikel harus original

2. Aspek Penilaian :

Sob Tema	Uraian	Nilai
Pendahuluan	Uraian profil departemen Anda dan keunggulan aktivitas K3LH yang ada sekarang	1 - 20
Dampak positif Budaya K3LH di dalam area kerja masing-masing	Uraian singkat dampak positif yang sudah Anda rasakan dari budaya K3LH yang telah ada di area kerja / bagian kerja Anda	1 - 15
Dampak positif dari penerapan K3LH di NSI	Uraian singkat dampak positif yang sudah Anda rasakan dari hasil penerapan K3LH di NSI	1 - 15
Upaya pencegahan kecelakaan kerja di NSI di area masing-masing yang sudah dilakukan	Uraian singkat upaya-upaya pencegahan kecelakaan kerja di area / bagian kerja Anda	1 - 15
Penerapan K3LH yang sudah dilakukan di area masing-masing	Uraian singkat penerapan K3LH yang telah di taksanakan di area kerja Anda	1 - 15
Saran positif Anda untuk penerapan K3LH di NSI di masa yang akan datang	Saran singkat Anda yang bermanfaat untuk penerapan K3LH di masa yang akan datang di NSI	1 - 20
Total Nilai		100

Tim Penilai

1. Safety Environment (Sayid Jakfar)
2. Production (Daryanto)
3. HR-PA Clinic (Moch Prakoso)
4. Shipping & Receiving (Ari Sukanto)

Form No.: SA-LKT-10-00, 09-Sep-14

Flag Ceremony Kampanye Bulan K3 (12 Jan – 12 Feb)



Peserta Upacara (dimulai 7:10 – 7:45 Pagi)



Amanat Plant Manager
tentang K3



Pengibaran Bendera
Merah Putih



Pembagian hadiah lomba
oleh Plant Manager



Paragaan kesiapsiagaan Security dalam menjaga
asset Perusahaan

Safety & Environment Award



Environmental Award

“GREEN PROPER”
(8 Times , 2003 – 2012)
“BLUE PROPER”
(2 Times, 2014 – 2015)

Safety Award Zero Accident

(13 Times, 1999 – 2013)
(2 Times, 2014 – 2016)



GREEN INDUSTRI LEVEL 5, 2017,
2016,2015, 2013
GREEN INDUSTRI LEVEL 4, 2014
KEMENPRIN



Responsible Care Award

Responsible Care :

- 2007 received **Silver Award** from Responsible Care Indonesia
- 2009 received **Platinum Award** from Responsible Care Indonesia
- 2009 received **Outstanding Achievement Award** from Responsible Care Indonesia
- 2011 received **Platinum Award** from Responsible Care Indonesia
- 2013 received **Platinum Award** from Responsible Care Indonesia
- 2015 received **Outstanding Gold Award** from Responsible Care Indonesia
- 2017 received **Outstanding Gold Award** from Responsible Care Indonesia





TERIMA KASIH