

## Lampiran 1. Transkrip Wawancara Penanggung Jawab

### Kampanye Keselamatan Cidera Tangan Akibat Kerja

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**Ket: P → Pewawancara**

**I → Informan**

#### 1. Departemen *Drilling* (DWL/DRL)

- P: Apa sajakah media kampanye keselamatan cedera tangan akibat kerja di Divisi/Departemen Bapak?
- I: Workshop, kita kasih slide presentasinya, kecelakaan yang telah terjadi kita diskusikan dalam workshop supaya mereka lebih aware-lah.
- P: Ada lagi pak selain itu?
- I: Kita kasih...eh...drama juga, drama injury, drama kita minta mereka identifikasi apa yang salah dari drama itu, harusnya bagaimana, terus di workshop kita selalu kasih hadiah, reward. Kita juga kasih video hand injury dalam workshop, testimoni, tahun ini kita memanggil korban-korban yang kita rekam, terus kita putar dalam workshop supaya lebih tersentuh, kita banyak kasih reward, jadi antusiasmenya bagus. Ya itu lihat tuh hadiah semua, helm motor, t-shirt, sertifikat, itu semua hadiah untuk peserta workshop (sambil menunjuk hadiah-hadiah yang dimaksud), jadi daya tarik mereka itu banyak juga gitu loh.
- P: Siapakah yang menjadi target kampanye tersebut?
- I: Ke pekerja, terutama pekeja yang di frontline (kru), karena selama ini kecelakaan lebih banyak menimpa frontline workers, jadi pekerja yang kru gitu, non supervisor lah satu rig itu kan kurang lebih 100 orang.
- P: Termasuk kontraktor?
- I: Kalau di drilling rig pekerja itu kan kontraktor, bukan orang TOTAL
- P: Apakah Bapak yakin bahwa kampanye tersebut tersampaikan kepada semua target?
- I: E...iya, karena gini, kita ada absennya, ketahuan mana yang ikut dan yang belum. Yang belum diikuti di workshop berikutnya. Kita setahun sekali untuk satu kru, periodenya karena kita sejumlah 10 rig ya kurang lebih 2-3

bulan sekali untuk semua drilling contractor, kalau workshopnya 6-11 kali, tapi kan pesertanya tiap workshop kan lain.

P: Selama ini, faktor-faktor apa sajakah yang mempermudah pelaksanaan kampanye tersebut?

I: Yang mempermudah?

P: Iya.

I: Ya hubungan relasi dengan drilling contractor, misalkan dengan Apexindo, mereka ada bagian HSE jadi kita melakukan HSE meeting, jadi pas kemarin melakukan workshop itu mudah sih prosesnya.

P: Selain tadi relasi dengan drilling contractor Pak?

I: Eh...apa ya...eh...partisipasi pesertanya, eh...kita banyak kasih reward, jadi antusiasmenya bagus. Ya itu lihat tuh hadiah semua, helm motor, t-shirt, sertifikat, itu semua hadiah untuk peserta workshop (sambil menunjuk hadiah-hadiah yang dimaksud), jadi daya tarik mereka itu banyak juga gitu loh.

P: Selama ini, faktor-faktor apa sajakah yang menghambat pelaksanaan kampanye tersebut?

I: Di awal kan masalah bayar-membayarnya, selama ini kan bayar-membayar itu kan drilling contractor, biasanya di awal mereka akan nanya siapa yang bayarin ini? Bagi-bagi mau ngga berdua? Tapi kita bilang wah ini drilling contractor yang full membayar, TOTAL yang menyediakan materi dan instructor, itu di awal agak susah, tapi biasanya itu mereka cuma mincing padahal mereka siap bayar. Atau set schedule kadang untuk menset schedule tanggal itu tidak mudah, ya karena kan kita aktifitas banyak kan.

## 2. *Divisi Project (PJC)*

P: What were the media of the occupational hand injury safety campaign in your Division/Department?

I: We provided some poster, provided some talks, some discussion with the workers which small scope, we show some pictures that we put on safety box, video of hand injury.

P: Who was the target of the campaign?

I: All workers, include contractors workers, let say our activity in project construction is 95 % by contractor.

P: Are you confident that the campaign delivered to all of the target?

I: I think at the moment difficult to 100%, to be realistic, but i am confident that more than 80% of workers informed.

P: How you could ensure that the campaign delivered to all of the target?

I: I got some daily report, I got some safety talk report. Staff on site, staff company which is well dispatch on the working area and strong organization, good organization on the update of daily report, campaign feedback, on follow up and reporting.

P: During this time, what were the factors make the campaign implementation was easy?

I: Actually, it's difficult to implement efficient campaign because we are number of the people, we are different site, we are several contractors, they aren't met concern company requirements, this is difficult to implemented. It is difficult to implement in our worksite to be efficient because we can not monitor the people in our worksite.

P: How about the factors make the campaign implementation was easy?

I: School, education from the little boy, it's the time you need to learn about safety to the people. You need to learn hand injury at school and start now, because the people think ok be careful hurt your hand, the problem is not hurt my hand, but it's not worst for me. So, we need continue to educated to the people in order to they understand.

P: Anything else the factors make the campaign implementation was easy or difficult?

- I: I think we need...e...may be...the commitment from our contractors.
- P: Can you tell me about the commitment?
- I: That is some problem, they did not know HSE challenge to achieve the target, that is not big issue. Ok, fatality is still our concern, but for the hand and finger injury are not worst, it's not important, we don't care. They are only emphasize the job finish fast, they don't emphasize safety.

### 3. *Divisi Facilities Engineering (ENG)*

- P: Apa sajakah media kampanye keselamatan cedera tangan akibat kerja di Divisi/Departemen Bapak?
- I: Campaign hand injury, kalau spesifik campaign hand injury ya setelah dari HSE mengeluarkan itu.
- P: Jadi HSE mengeluarkan, Engineering juga langsung mengeluarkan segera?
- I: Iya, itu kan eu...campaign itu kan company, kegiatan ini setiap hari potensinya ada, jadi ya kita harus menjelaskannya ada gitu loh.
- P: Misalkan yang presentasi khusus, atau misalkan sunday talk, safety talk, atau safety briefing?
- I: Iya safety talk kan tidak hanya bicara tentang hand injury, dia kan bicara HSE itu kan banyak, dia bisa bicara prosedur, dia bisa bicara alat, sistem, inspeksi. Hand injury, injury itu kan akibat dari suatu tindakan, kita kan tidak bicara hanya tindakan, tindakannya tidak hanya injury tapi bisa juga fatality kan. Kalau khusus hand injury ya setelah dari pihak itu dilakukan, disampaikan, didistribusikan, pake poster yang sama dari HSE itu disitribusikan, mereka melakukan ke apa? pekerjaanya masing-masing di areanya masing-masing. Polanya, HSE itu kan melakukan sesuatu nanti distribusikan ke semuanya kan, HSE tidak bisa melakukan campaign ke seluruh lokasi, di ENG itu orang-orangnya ada di lokasi, setiap hari ketemu, setiap hari dari pagi jam 6 mereka sudah meeting progress, meeting HSE, pekerja di lapangan, ketemu kontraktor, mereka melakukan juga HSE talk, mereka melakukan audit, mereka progress, potensinya itu sangat besar, jauh lebih besar daripada HSE, kalau kamu cuman



memfokuskan kepada masalah kapan itu campaign, ya kalau kita bilang ya setiap hari mereka campaign, tapi bukan suatu struktur misalkan HSE bikin hand & finger injury, mungkin kita man overboard dia bikin campaign, lah tiap hari kami naik sea truck ko, kamu nanya lagi kapan campaign? Iya kan, jadi tolong polanya jangan kamu apa yang ada di oleh company, yang dipikirkan policynya company, itu pasti di bawah sampai ke pekerja di lapangan.

P: Siapakah yang menjadi target kampanye tersebut?

I: Targetnya ya semua karyawan dan kontraktor.

P: Sampai yang level terbawah?

I: Sampai level dimana mereka ketemu di lapangan dan juga manajemen kontraktornya yang ada di kantor.

P: Apakah Bapak yakin bahwa kampanye tersebut tersampaikan kepada semua target?

I: Wah kalau masalah yakin, siapa yang akan menjamin 100% yakin

P: Bagaimanakah cara untuk memastikan bahwa kampanye tersebut tersampaikan kepada semua target?

I: Report mereka lakukan, dari report-dari report mereka akan melaporkan, sekarang mereka lakukan HSE talk apa, mereka ngomongin apa, tanggal apa, sekarang, ada evidencenya, mereka lakukan seperti itu.

P: Selama ini, faktor-faktor apa sajakah yang mempermudah pelaksanaan kampanye tersebut?

I: Campaign itu bukan hanya kamu datang, kamu ngomong, kamu ngomong terus ga ada yang mendengarkan ya buat apa? Kalau campaign itu cuman ngomong ya mudah, wong cuman ngomong qo, selesai kan? Pemberi kerja ngomong kepada yang diberi kerja, suka ga suka ya pasti dia dengerin, kecuali kalau kamu ngomong pada orang yang memberi kerja.

P: Selama ini, faktor-faktor apa sajakah yang menghambat pelaksanaan kampanye tersebut?

I: Ga ada, wong company ko ngomong ke kontraktor, mana susah, kamu kan ngomong ke kontraktor, posisimu kalau kita dilihat di hierarki meskipun orang ngomong sepadan, pemberi kerja kan gampang lebih ngomong.

P: Ada lagi pak kira-kira faktor lainnya?

I: Orang cuman ngomong apa susahnya, kamu kampanye presiden ga susah kan?cuman ngomong, bakal orang nyoblos atau ngga, ndak tahu kan? Kalau kita tanya ada hambatan ngga? Ngga ada, kalau kamu punya modal, kamu punya waktu, punya ruang, orang datang, pasti datang kalau kamu company TOTAL ngomong ke kontraktor, ga ada, apanya yang susah?

#### **4. Departemen Marine (DWL/MAR)**

P: What were the media of the occupational hand injury safety campaign in your Division/Department?

I: E....mainly it is tool box talks, they are used on the some handout.

P: Who was the target of the campaign?

I: All the ship crews.

P: Include the contractors?

I: We don't have any others.

P: Are you confident that the campaign delivered to all of the target?

I: I hope so.

P: Are you confident?

I: You are never confident on it. For the campaign, you cannot say that you have been successful, you will be successful for short period of time, but the same accident will occur again after certain period of time. You know e....first week after the incident and after the e....discussion with the people, they pay attention and e...then e...you know, at the thing occur and there are more pay attention to the lap one and then they will stop to getting little bit to reduce one.

P: How you could ensure that the campaign delivered to all of the target?

I: You know e...we have certain number of vessel and all the vessel are visited, people of the vessel are accordance, so in principle the one that are on duty we cover them.

P: During this time, what were the factors make the campaign implementation was easy?

I: Nothing is easy in marine, easy doesn't take this.

P: So, you feel that difficult?

I: E...it is difficult if you have to pass own safety related issues to low qualified and low educated people that is not easy. If you have to pass a message to sea trucks drivers who are working two weeks on, and one week off and the week that they are off, they are driving same type of boat in the village, that they don't play any safety regulation and then after the week off coming back to work, and you know it's not easy talk and tell them, for example that they have to safety shoes, they don't understand why should wear safety shoes. They are living in the village, in very elementary condition and the they are coming back, they are not feeling comfortable wearing safety shoes. If you hire educated people is easier to pass on certain messages than to lower educated.

P: Anything else the factors can make the campaign implementation was difficult?

I: No, e...lack of personnel for doing the campaign.

##### **5. Departemen *Logistics* (DWL/LOG)**

P: Apa sajakah media kampanye keselamatan cedera tangan akibat kerja di Divisi/Departemen Bapak?

I: E....melalui safety talk.

P: Ada lagi Pak?

I: Ehm,...saya kira ngga ada.

P: Siapakah yang menjadi target kampanye tersebut?

I: Seluruh pekerja, termasuk kontraktor.

P: Apakah Bapak yakin bahwa kampanye tersebut tersampaikan kepada semua target?

I: Saya eh...saya ngga yakin karena saya belum monitor.

## 6. Departemen *Well Servicing* (DWL/WLS)

- P: Apa sajakah media kampanye keselamatan cedera tangan akibat kerja di Divisi/Departemen Bapak?
- I: Ya medianya itu bisa dalam bentuk poster, kemudian langsung practical di barge, kemudian bisa ehm...apa lagi ya presentasi di meeting tadi.
- P: Siapakah yang menjadi target kampanye tersebut?
- I: Pada semua operator
- P: Apakah Bapak yakin bahwa kampanye tersebut tersampaikan kepada semua target?
- I: Yakin, keyakinan itu berdasarkan apa, saya tidak berdasarkan keyakinan, tapi berdasarkan statistik, kalau statistik bilang ngga ada accident ya bagi saya campaign berjalan, kalau statistik masih tetap nambah ya campaign ngga berfungsi.
- P: Bagaimanakah cara untuk memastikan bahwa kampanye tersebut tersampaikan kepada semua target?
- I: Eh...pelaksanaan monitoring ya, jadi kita punya minute of meeting, kita punya report pelaksanaan.
- P: Selama ini, faktor-faktor apa sajakah yang mempermudah pelaksanaan kampanye tersebut?
- I: Yang mempermudah...karena kita punya safety officer
- P: Selain itu Pak?
- I: Apalagi ya...ya karena kita punya organisasi di lapangan, kemudian kontraktor juga punya organisasi sendiri di lapangan, kemudian ya punya komitmen dari semua orang, baik itu dari top management sampai ke operator level. Kalau ngga ada komitmen susah itu, mau ngapa-ngapain ngga bergerak itu.
- P: Selama ini, faktor-faktor apa sajakah yang menghambat pelaksanaan kampanye tersebut?
- I: Terus terang monitoring yang sulit dilakukan itu kalau monitoring yang di offshore, ehm...karena dia agak jauh, tapi by the way di offshore juga tidak terlalu banyak accident juga, yang banyak ya di Delta, itu secara geographical. Kemudian yang mempersulit, ya karena workload, jadi

kadang-kadang tuh kita mau lakukan practical session itu ya kebentur ada workload jadi mereka menunggu karena banyak barges, kita kan sekitar 30 barges itu, jadi untuk ngaturnya itu mungkin agak sedikit terkendala.

## 7. Divisi *Field Operation* (FO)

P: Apa sajakah media kampanye keselamatan cedera tangan akibat kerja di Divisi/Departemen Bapak?

I: Safety talk tentang hand injury, dengan cara showing, menunjukkan jari dan tangan, dan ditunjukkan juga..diinstruksikan untuk sebelum membuka work permit ditunjukkan dulu (menunjukkan tangan), diingatkan, lalu sebelum menutup work permit diliat lagi, baru (sambil memperagakan menandatangani), jadi tidak mulu presentasi-presentasi, tapi sudah langsung ditunjukkan, memang ada presentasi dan memang kita ada beberapa dokumen yang menunjukkan itu.

P: Siapakah yang menjadi target kampanye tersebut?

I: Pada saat itu dan sampai sekarang ini kita tidak menjadikan target tertentu, tetapi kita lakukan campaign, pelaku-pelaku pada waktu work permit bukan hanya orang FO tapi dari pihak lain, dari kontraktor, jadi ya hampir semuanya.

P: Semua pekerja ya Pak?

I: Semua pekerja.

P: Sampai level terbawa ya Pak?

I: Sampai level terbawah, di sini bahkan ada dari pihak kitchen, pihak catering di lokasi.

P: Apakah Bapak yakin bahwa kampanye tersebut tersampaikan kepada semua target?

I: Yakin, ada gambarnya

P: Bagaimanakah cara untuk memastikan bahwa kampanye tersebut tersampaikan kepada semua target?

I: Satu ada gambarnya, ada dokumentasinya. Yang kedua ya kita tanya, dan memang mereka punya minute of meetingnya, ada catatan daftar hadirnya.

P: Selama ini, faktor-faktor apa sajakah yang mempermudah pelaksanaan kampanye tersebut?

I: Adalah yang perlu kita catat bahwa teman-teman di lapangan itu eh...walaupun kita terpisah beberapa lokasi, tapi koordinasi dan komunikasi itu cepat dan FO punya beberapa anggota yang bisa langsung ke lokasi, memberikannya langsung dan setiap lapangan mempunyai suatu media pertemuan umum, seminggu sekali, di situ kita bisa sampaikan.

P: Selain tadi komunikasi dan koordinasi, kira-kira ada lagi tidak Pak?

I: Satu hal yang selalu kita ingatkan bahwa eh...saya tidak tahu, saya tidak pernah mengamati faktor-faktor apa yang memudahkan, tapi optimism tinggi yang saya tanamkan, karena teman-teman ya kita kenal semuanya, kita tahu semuanya, karena kita tahu semuanya ya kita bisa dekati, baik aspek personal maupun profesional, jadi ya kapan aja juga bisa, sangat kooperatif karena kita bekerja bersama-sama, tempatnya aja yang berbeda, bagi saya sih tidak ada faktor kesulitan itu aja.

P: Jadi ngga ada faktor yang mempersulit Pak?

I: Ndak ada, biasa aja gitu loh, cuman saya malah kasihan ke teman-teman dibiasakan lagi, harus dibiasakan lagi, harus tertata. Saya ngga merasa kesulitan, enteng aja gampang aja, saya ke sana, ok aja.



**Lampiran 2. Dokumen Kampanye Keselamatan Cidera Tangan  
Akibat Kerja di TOTAL E&P INDONESIA  
Periode Tahun 2008**

# Accident INFO

## FINGER INJURY

Location	: Peciko 5 Project - SWP F Jacket	Equipment	: Seeker plate
Date	: 03/09/2008	Classification	: LTI with disability

### Accident Description:

The Assistant Barge Foreman was transferring a seeker plate (approximately 250kg) from area where it had been removed, to an external area on the jacket where the crane could access the location; he was attempting to roll the seeker plate to this location.

The pad eye of seeker plate became stuck in the grating, which caused it to tilt and fall, he tried to stop it, which resulted in his little finger (right hand) becoming caught in between grating and the seeker plate. This resulted in partial amputation of the tip of his little finger.

NOTE: This accident is classified as Serious Accident (LTI with disability, Real Severity 3).



### Possible Causes:

- 1 Lack of safety awareness and safety behavior.
- 2 Failure to follow safe working practices.
- 3 Inadequate supervision.

### Remedial Actions:

- 1 Safety Talk was conducted on the following shift and planned to be conducted on next shift. (Topic discussed was Do not Work Alone, and Manual Handling Technique). Socialized SFN DGEP Ref: 08-2007 Finger Injuries + LMR Last Minute Risk Assessment.
- 2 Behavior Base Safety Presentation was conducted.
- 3 Hand & Finger Campaign presentations made to workforce.



# Accident INFO

## FINGER INJURY

Location	: Prima Perkasa Barge	Equipment	: Wire, winch
Date	: 04/09/2008	Classification	: LTI with disability (outside TI perimeter)

### Accident Description:

Prima Perkasa barge was located 1 mile from SWP – G (outside company perimeter), repairing wire No 3 under the supervision of contractor, without using TI work permit system. For this work, one person cut the wire with portable cutting tool above a beam close to uncovered rotating belt of winch anchor No 5. Two persons (including the IP) held the cutting tool by foot. The IP lost his balance and by accident his left hand touched the uncovered rotating belt causing his left thumb amputated.



### Possible Causes:



- 1 Lack of safety awareness.
- 2 Lack of supervision.
- 3 Lack of risk assessment (rotating belt winch No 5 was uncovered).
- 4 Bad working practice.

### Remedial Actions:

- 1 Implement work permit system.
- 2 Perform risk assessment prior to performing any non routine work.
- 3 Rotating equipment hazard campaign.
- 4 Last minute risk assessment campaign.

**“Memindahkan Drum Kosong”**

2 cementing operator memindahkan drum-drum kosong dan pallet di barge daerah Pendingin pada saat barge towing.

Picture 1                      Picture 2

§ **Apa yang salah & bahaya?**

§ **Tindakan pencegahan yang harus dilakukan?**

E&P/DR/LMTH                      1                                            TOTAL

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**Kejadian:**

Pada saat memindahkan pallet dengan 4 drum kosong ke lantai, salah satu operator terlepas genggamannya dan mengenai metal banding yang menahan drum tsb. Korban menderita luka pada pergelangan tangan dan kehilangan banyak darah.



**Penyebab kecelakaan:**

- Pemindahan drum-drum dan pallet dilakukan pada saat barge towing.
- Tidak dilakukannya penilaian bahaya.
- Lengan panjang coverall dilipat sehingga tidak melindungi pergelangan tangan.

E&P/DR/LMTH                      2                                            TOTAL

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**Tindakan Pencegahan:**

§ Safety talk, campaign.

§ HSE training dan check HSE training matrix.

§ Update emergency response plan dan prosedur evakuasi.

E&P/DR/LMTH                      3                                            TOTAL

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**3 orang Roughneck sedang make up Drill pipe**



§ *Apa yang salah & bahayanya?*

§ *Tindakan pencegahan yang harus dilakukan?*

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**Bahaya :**

- § Area kerja yang kotor & penempatan barang yang tidak benar.
- § Posisi Roughneck tersebut terlalu membungkuk.
- § Posisi Travelling Block terlalu rendah.
- § Potential terjepit pada si pekerja sangat memungkinkan terjadi.

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**Tindakan pencegahannya :**

- § Komunikasi dengan Driller supaya posisi Travelling block tidak terlalu rendah.
- § House Keeping terutama di area kerja & penempatan barang harus diletakkan pada tempat yang semestinya.
- § Safety Talk & Campaign.
- § Observasi daerah kerja terutama pada sekitar benda2 yang mudah jatuh.

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PT. GUNANUSA UTAMA  
FABRICATORS

WEEKLY SAFETY TALK  
RELATED HAND FINGER INJURY  
TUNU FIELD DEVELOPMENT PROJECT PHASE EPSC 1+2  
PERIOD : 2008





NO.	Date	Week	Location	Topic Discussed	Pesonneel Attend	Addressed by	View Photographs	Remark
1	8-Jan-08	2	Parking area	Discussed the Safety feed back Notice regarding Accident occured on January 7, 2008. The Foreman Fitter got burnt at his left palm due to touched the hot surface	620	Tjahjo Siswadi (Project HSE Manager), Dwi Wahyu Budi (Const Manager), Cipta D Putra (PJC MTH SPDT), Agus Putra Jaya (Construction SPTD)		
13	22-Jan-08	4	Parking area	Discussed the Feed Back Notice regarding the accident Occured on Jan 17,2009.He got injury on his middle of right finger side was pinched by a channel .	720	Tjahjo Siswadi (Project HSE Manager), Dwi Wahyu Budi (Const Manager), Cipta D Putra (PJC MTH SPDT)		
21	15-Jul-08	22	Parking area	Discussed Hand Injury accident occured on working table 1 during material handling. And discussed manual handling technique	847	Tjahjo Siswadi (Project HSE Manager), Dwi Wahyu Budi (Yard Manager), Ferry delima (PJC MTH SPDT)		



PT. GUNANUSA UTAMA  
FABRICATORS

WEEKLY SAFETY TALK  
RELATED HAND FINGER INJURY  
TUNU FIELD DEVELOPMENT PROJECT PHASE EPSC 1+2  
PERIOD : 2008



NO.	Date	Week	Location	Topic Discussed	Pesonnel Attend	Addressed by	View Photographs	Remark
26	23-Sep-08	34	Parking area	Using hand glove campaign, due to accident occurred on September 8, 2008. When a Fitter pull of small plate by using end of scaffolding	1120	Tjahjo Siswadi (Project HSE Manager), Dwi Wahyu Budi (Const Manager), Cipta D Putra (PJC MTH SPDT)		
27	30-Sep-08	35	Parking area	Discussed Hand Injury accident occurred at Work Shop 5 during move pipe 2" on wooden support	1154	Haris Aryanto (HSE Coordinator), Dwi Wahyu Budi (Const Manager), Ferry Delima (PJC MTH SPDT)		

Reported by:

Haris Aryanto  
Project HSE Coordinator

# HAND SAFETY

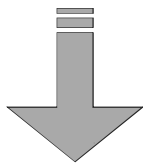
**THE IRREPLACEABLE TOOLS**  
Alat Kerja yang Tak Tergantikan

## **BAYANGKAN!!**

Berapa banyak aktifitas anda yang bergantung pada tangan anda?

**SANGAT BANYAK!**  
**SANGAT SERING!**

**SERING DIGUNAKAN UNTUK BEKERJA**

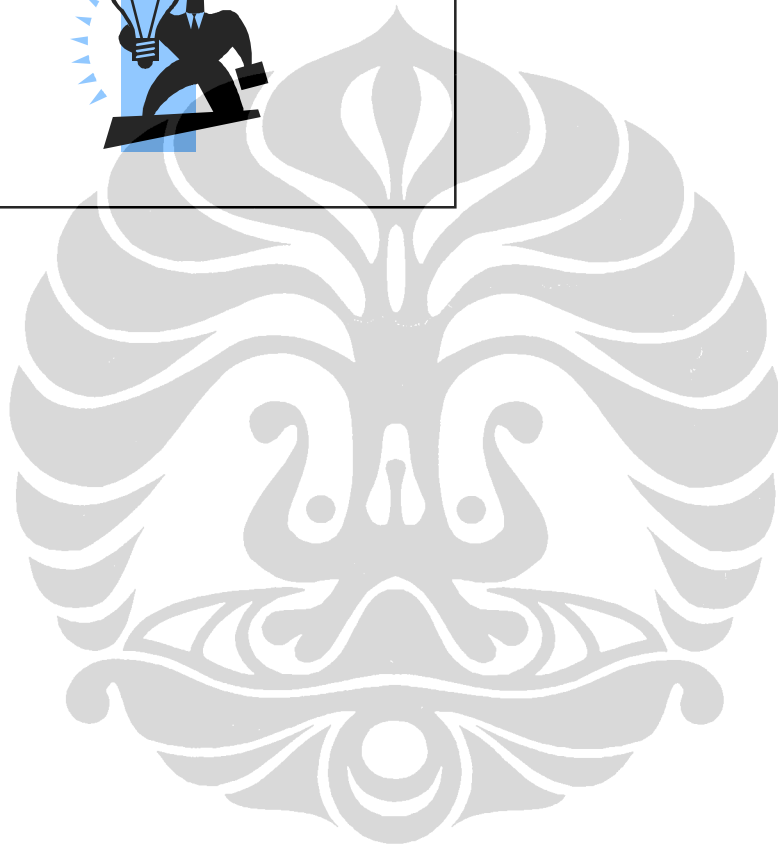


**RESIKO CIDERA**

Preventing Injury

- §Be Aware of Hazard
- §Follow Safe Procedures
- §Use Proper PPE

**Terima Kasih**



## Mengenali Bahaya



## SASARAN

Pada akhir sesi ini peserta diharapkan mengerti tentang :

1. Melakukan penilaian bahaya sebelum melakukan pekerjaan
2. Bahaya menempatkan tangan & jari-jari pada **Pinch Point** (titik jepit) atau bahaya yang ada pada suatu peralatan



## BAHAYA

Definisi :

*Suatu zat atau kondisi ataupun tindakan yang dapat mengakibatkan terjadinya insiden atau kecelakaan*



### Contoh Bahaya



Mengangkat  
panci panas  
Tanpa pelindung



**Bahaya**



Drum kimia  
korosif  
yang berkarat



**Bahaya**






**Akibat**





### Bagaimana Melakukan Penilaian bahaya


<p><b>1. Stop &amp; Berpikir</b> bahaya-bahaya atau bahaya-bahaya apa yang dapat terjadi dan ada di sekitar tempat kerja anda</p> 	<p><b>2. Kurangi / Hilangkan</b> Jika ditemukan bahaya-bahaya atau bahaya-bahaya apa yang ada di sekitar tempat kerja anda</p> 	<p><b>3. Laporkan</b> Segera laporkan jika bahaya-bahaya atau bahaya-bahaya tersebut tidak dapat dihindarkan, tuliskan juga pada kartu observasi</p> 
---	--	--

TOTAL

### Penilaian Bahaya Sebelum Bekerja

Apakah? :

- Bekerja Sendirian
- Penanganan secara terburu-buru
- Tidak mengetahui fungsi dari benda yang ditangani
- **KETAHUI DIMANA POSISI TANGAN ANDA dan anggota tubuh yang lain**
- Terlalu tingginya, rendahnya atau jauhnya benda yang ditangani
- Terlalu sempitnya ruangan untuk menangani benda tsb
- Ukuran benda yang sulit untuk ditangani




TOTAL

### Penilaian Bahaya Sebelum Bekerja

Apakah? :

- Bekerja dengan alat / mesin yang berputar atau bergerak di sekitar kita tanpa guard / pelindung
- Kondisi Penerangan / kebisingan / Radiasi di sekitar benda yang ditangani
- Lokasi penanganan benda yang tidak level/rata/licin
- Benda yang ditangani sangat panas atau dingin
- Bekerja dengan Bahan kimia



TOTAL

### Melakukan Penilaian bahaya





TOTAL

## Keselamatan Tangan Jari

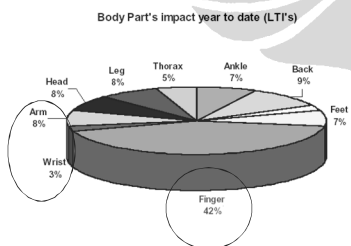


## Kegunaan Tangan... Apa bila Cedera.....



Click

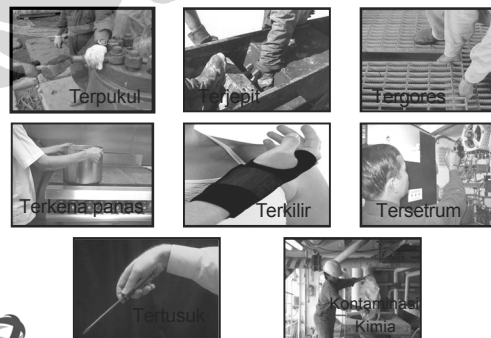
## Statistik versi Total 2007



Main concern on the body impact on the past 12 months remains the Fingers (17 out of 40 LTI's). Hand & Injury Campaign (or equivalent provided by Contractors) shall be reinforced on each unit.



## Cedera Pada Tangan dan Jari



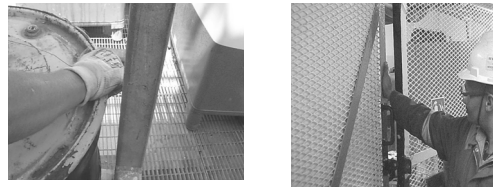
Cedera pada tangan & jari sering terjadi saat melakukan pekerjaan berikut:

- Manual Handling
- Memakai Handtools dengan tidak benar
- Bekerja dengan /dekat peralatan berputar
- Bekerja dengan bahan kimia



Click

#### Manual Handling



Click

#### Menggunakan Handtools





Click

#### Bekerja dengan alat /mesin berputar



Click

Bekerja dengan bahan kimia berbahaya



TOTAL

Click

**Ingat : Kita dapat mencegah kecelakaan tangan & jari**

Kecelakaan dapat dihindari dengan menerapkan hal2 tsb dibawah:

- Mengidentifikasi Bahaya
- Menggunakan PPE.
- Menggunakan akal sehat / logika & prosedur

TOTAL

Click

Terima Kasih

TOTAL





## Keselamatan Jari Jari Dan Tangan



# H

Marilah kita mengambil pelajaran dari sebuah contoh sederhana :

Cobalah kita melepaskan tali sepatu dengan kedua tangan kita...mudah dan cepat bukan Sekarang kita coba lagi, tetapi ibu jari tidak boleh ikut membantu...menjadi lebih sulit kan Terlebih kalau hanya satu tangan yang boleh digunakan..... pekerjaan yang semula sederhana berubah menjadi cukup sulit.

# S

Pelajaran yang kita dapat adalah begitu pentingnya peran tangan dan jari jari kita untuk melaksanakan pekerjaan.

### **PENYEBAB UMUM CEDERA TANGAN / JARI**

Beberapa penyebab umum cedera tangan / jari, pada dasarnya dapat dicegah antara lain :  
Terpukul hammer, terjepit benda yang sedang bergerak, terluka akibat benda tajam, terbakar karena benda panas atau bahan kimia, terjepit oleh bagian mesin yang berputar dll.

# E

### **SARUNG TANGAN SEBAGAI PELINDUNG PRIMER**

Sarung tangan adalah salah satu alat pelindung tangan / jari dari cedera pada saat bekerja. Selama kulit tidak terluka, kemungkinan masuknya geram / debu ataupun kuman penyakit yang akan menyebabkan infeksi masih dapat dihindarkan.

Sarung tangan berfungsi bagaikan tambahan lapisan kulit, yang akan melindungi kulit alami kita dari cedera sehingga masuknya geram , debu dan kuman penyakit dapat terhindarkan.

Meskipun anda merasa kulit anda sangat kuat namun, pakailah sarung tangan pada saat menangani benda benda yang kasar atau tajam. Gunakan sarung tangan karet yang sesuai pada saat menangani bahan kimia, cairan pelarut ataupun material lain yang dapat meng-iritasi kulit anda.

Namun demikian perlu diingat bahwa sarung tangan seharusnya tidak dipakai apabila bekerja yang ada kemungkinan tertarik oleh mesin yang berputar.

# T

### **PELINDUNG / GUARD SEBAGAI ALAT KESELAMATAN**

Pabrik sudah melengkapi mesin gerinda dan alat semacam lainnya dengan pelindung yang sesuai. Namun adakalanya kita merasa terganggu kemudian melepaskannya. Hal ini seharusnya tidak boleh dilakukan karena membahayakan keselamatan tangan dan jari jari anda. Coba anda bekerja satu hari hanya dengan menggunakan satu tangan anda, mungkin dengan demikian anda akan lebih menghargai tangan anda tersebut.

# A

### **LIMA TIPS KESELAMATAN UNTUK TANGAN DAN JARI JARI ANDA**

1. Tangan merupakan salah satu kunci untuk bekerja. Mereka adalah alat terbaik. Anda hanya punya sepuluh jari dan satu pasang tangan yang tidak dapat tergantikan.

**LINDUNGI MEREKA KARENA ANDA BERGANTUNG PADANYA UNTUK BEKERJA.**

2. Hampir seluruh cedera serius pada tangan terjadi pada saat menggunakan mesin. Pastikan anda memahai prosedur yang benar untuk penggunaan mesin yang akan anda operasikan. Dapatkan dan gunakan seluruh alat pelindungnya dengan benar, mereka dibuat untuk melindungi keselamatan tangan dan jari jari anda.

3. **LINDUNGI TANGAN ANDA DENGAN PPE YANG SESUAI UNTUK TIAP PEKERJAAN**  
Jika terluka jangan abaikan luka sekecil apapun, gunakan peralatan "First Aid". Ingat infeksi dapat menyebar luas ke bagian lain.

4. Cincin dan jam tangan metal sebaiknya tidak digunakan pada saat bekerja. Mereka dapat tersangkut ke berbagai macam benda, dan merupakan penghantar arus listrik.

5. Bahaya yang mengancam tangan anda mungkin sama dengan bahaya yang anda hadapi pada saat bekerja. Dengan kewaspadaan dan kehati hatian menghindari cedera tangan dan jari bukanlah hayalan, dan ini sangat masuk akal.

# K



## NARASI VIDEO

Bapak2 sebentar lagi kita akan menyaksikan bersama2 video tentang suatu kecelakaan yang menimpa seorang roughneck. Kecelakaan ini menyebabkan dia kehilangan jari2nya. Bagaimana hal ini terjadi dan bagaimana kecelakaan ini berakibat pada kehidupannya, mari kita saksikan.

Kita sudah lihat videonya, coba kita sekarang sama2 amati hal2 penting dari video tsb:

### **Siapa Martin?**

- Baru di rig < 3 bulan
- Ex tentara
- Single

### **Bagaimana kejadian kecelakaannya?**

- lagi kerja cabut pasang pipa?
- Set elevator
- Slip automatic bergerak dan menimpa tangan kanan kiri?
- Putus jari2 kecuali ibu jari dan kelingking

### **Bagaimana dampak kecelakaan terhadap kehidupan Martin & Keluarga?**

- cedera ini spt mimpi buruk
- Martin menjadi bergantung pada orang lain pada saat sakit
- Martin tidak bisa melakukan hobi sebelumnya spt billiard, main gitar
- Hal2 kecil? yg baru yg tidak menyenangkan: (susah berpakaian, susah cara makan, pendapat orang kalo bertemu dia
- Ibu martin terpukul dan sedih
- Karir di bidang pengeboran jadi tidak menentu
- Ada hambatan seumur hidup
- cedera membuat hidup berubah

### **Bagaimana perasaan manajemen dan rekan sekerja Martin?**

- Teman2 merasa terpukul
- Perlu waktu lama utk mengangkat moral rekan sekerja
- Ada keinginan kuat utk membuat rig menjadi bebas kecelakaan
- Teman sekerja menjadi lebih berhati2 terhadap peralatan2 yg bisa menjepit

### **Pesan si martin:**

berhati2lah dalam melakukan pekerjaan, karena kejadian kecelakaan hanya beberapa detik tetapi dampaknya seumur hidup



**SAFETY together!**

**My duty is your safety**

**My safety is your duty**



TOTAL E&P INDONESIA - DWL/WLS/SMT

Hand & finger injury.



5 TOTAL E&P INDONESIA - DWL/WLS/SMT

Hand & finger injury.





# hand & finger safety campaign

## 1. Kenali Bahaya

- Bahaya terjepit
- Peralatan rusak dan tidak standar
- Temperatur ekstrim (panas-dingin)
- Bahan kimia
- Listrik
- Bakteri
- Aksesoris yang mengganggu (cincin, gelang dll)
- Bahaya benda jatuh

## 2. Pastikan

- Pekerjaan direncanakan dengan baik
- Rencana kerja telah dimengerti oleh pekerja
- Tidak bekerja tergesa-gesa
- Pekerja sudah terlatih
- Peralatan kerja sesuai standar dan tidak rusak
- Menggunakan sarung tangan yang sesuai

## 3. Hentikan dan Laporkan

- Hentikan pekerjaan jika dirasa tidak aman
- Laporkan kondisi tidak aman (anomaly) kepada supervisor

## 4. Keadaan Darurat

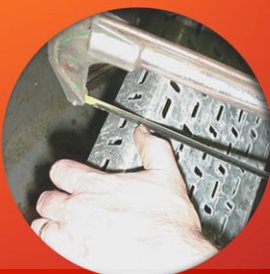
- Pastikan ada First Aider di tim anda
- Persiapkan alat P3K di tempat kerja
- Pastikan prosedur tanggap darurat tersedia dan berjalan baik



safetyculture  
campaign



# JANGAN PERNAH LAKUKAN !!!



Jaga Keselamatan  
JARI DAN TANGAN



safetyculture  
campaign







## HAND AND FINGER PROTECTION CAMPAIGN

Periode : October 2008 - March 2009



No.	DATE	LOCATION	TOPIC	SPEAKER		NUMBER OF ATTENDANCE	TIME	REMARKS
				NAME	POSITION			
1	28-Okt-08	TCF	PPE Mandatory ( Safety Gloves )	Nazaruddin	Safety Officer	30	07.00	To Remind all worker about PPE mandatory
				Siswoko	Supervisor			
				Nasrul Sohein	PJC/SPV.Construction			
				Rewanto Purba	PJC/MTH			
2	02-Nop-08	COMP. A	General Hand Tools Inspection	Obinton	Safety Officer	58	07.00	Socialize to worker & mechanic don't modificate of hand tools
				Agustinus	Supervisor			
				Aris Rahman	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
3	11-Nop-08	COMP. A	Hand Tools	Obinton	Safety Officer	55	07.00	Hand Tool Standard
				Dariman	Supervisor			
				Nasrul Soerin	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
4	18-Des-08	Office Area	PPE (Hand Gloves) & Hazard Identification	Dwi Rendra.K	Safety Officer	90	07.00	Hand & Finger Protection Campaign
				Chairil Anwar	HSE Cord.			
				Agustinus	Supervisor			
				Karyanto	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
5	20-Des-08	Comp B	PPE (Hand Gloves) & Masker Mandatory	Dwi Rendra.K	Safety Officer	60	07.00	
				Agustinus	Supervisor			
				Aris Rahman	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
6	29-Des-08	Comp B	Hand Tools Safety	Edi K	Safety Officer	73	07.00	Hand Tool Standard
				Agustinus	Supervisor			
				Aris Rahman	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
7	05-Jan-09	Comp B	Hand Gloves	Obinton	Safety Officer	69	07.00	Hand & Finger Protection Campaign
				Dwi Rendra.K	Safety Officer			
				Dariman	Supervisor			
				Rewanto	PJC/MTH			
				Nasroel.S	PJC/Const.SP.V			
8	11-Jan-09	Comp B	Hand Gloves & Manual Handling	Dwi Rendra.K	Safety Officer	71	19.00	Night Shift
				Agus Tatag	PJC/Const.SP.V			
				Handoko	Supervisor			
				Rewanto Purba	PJC/MTH			
9	25-Jan-09	Comp A	PPE (Hand Gloves) & Housekeeping	Edy K.	Safety Officer	65	07.00	Hand & Finger Protection Campaign
				Jumantoro	Supervisor			
				Karyanto	PJC/Const.SP.V			
				Yunizar	PJC/MTH			



## HAND AND FINGER PROTECTION CAMPAIGN

Periode : October 2008 - March 2009



No.	DATE	LOCATION	TOPIC	SPEAKER		NUMBER OF ATTENDANCE	TIME	REMARKS
				NAME	POSITION			
10	01-Feb-09	COMP.B	Hand Tool Safety	Obinton	Safety Officer	78	07.00	To Remind all worker about PPE mandatory
				Dariman	Supervisor			
				Nasrul Soerin	PJC/SPV.Construction			
				Rewanto Purba	PJC/MTH			
11	19-Feb-09	COMP. A	Grinding / Cutting Machine	Stevanus	Safety Officer	81	07.00	Socialize to worker & mechanic don't modificate of hand tools
				Handoko	Supervisor			
				Aris Rahman	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
12	01-Mar-09	COMP. B	Hand Tool Inspection	Obinton	Safety Officer	47	07.00	Socialize to worker & mechanic don't modificate of hand tools
				Dariman	Supervisor			
				Nasrul Soerin	PJC/SPV.Construction			
				Yunizar	PJC/MTH			
13	30-Mar-09	COMP. B	Hazard Identification of power tool ( Grinding Machine )	Obinton	Safety Officer	90	07.00	Hand & Finger Protection Campaign
				Cristo	WPC			
				Agustinus	Supervisor			
				Karyanto	PJC/SPV.Construction			
				Rewanto	PJC/MTH			

Prepared by,

Stefanus Bismar  
HSE Officer

Approved by,

Feriawan  
HSE Coordinator



## WEEKLY SAFETY TALK

Date: 29 Des 2008

### “PROTECT YOUR HANDS”

Do you realize that 35% of all disabling injuries involve hands and fingers?

#### COMMON CAUSES OF HAND INJURIES

What are some of the common causes of injuries to hands and fingers, most of which usually are preventable? They include struck by hammers, pinched between objects being moved, cut by sharp objects, pierced by splinters and slivers, burned by hot objects or chemicals, and caught in moving machinery.

#### GLOVES- A PRIME MEANS OF PROTECTION

As long as your skin remains unbroken, it can keep germs out. Once it's opened by a scrape or cut, however, germs can get in and infection can result unless you get proper treatment. And, no matter how rugged you think your hands may be, they aren't tough enough to stop splinters, metal slivers, or to resist punctures. That's why gloves are important. They're like an extra layer of skin. The nail that rips your glove would have injured you if your hand had been bare. Wear gloves whenever you are handling rough or sharp material. Use rubber gloves when working with chemicals, solvents, or other material that can irritate your skin. Wear gloves that fit properly. Also, remember that gloves shouldn't be worn when there is a possibility they can get caught in moving machinery.

#### GUARDS ARE HAND SAVERS

Guards on power saws and other equipment sometimes seem like a nuisance, always getting in the way. But they're on the equipment to protect you against injury. By removing guards or otherwise making them ineffective, you increase your chances of getting hurt. Tie one hand behind your back for a day and you'll appreciate what the consequences of working without a guard can be.

#### OTHER DANGERS

Many hand injuries occur even when you are wearing gloves or using guards. Be alert to these dangers, too. Such injuries can result from the unexpected shifting of material, getting hands caught in pinch points, grabbing moving parts of the machinery, or holding work in the hands that should be held in a vise or securely clamped.



beyond construction

## WEEKLY SAFETY TALK " HAND SAFETY "



**TUJUAN :** 1.Pencegahan  
2.Perlindungan / Alat Pelindung



Luka pada tangan dan jari menduduki ranking tertinggi dari keseluruhan kecelakaan kerja di proyek konstruksi.

Tanpa jari dan tangan, kemampuan kerja anda akan sangat berkurang  
Cobalah menulis tanpa ibu jari  
Cobalah memegang palu hanya dengan dua jari  
Melindungi tangan sangat penting, tangan kita menghadapi begitu banyak bahaya ditempat kerja.

**INGAT...!!!! Hilangkan Potensi Bahaya dulu baru kemudian Lindungi Tangan Anda**



Contoh alat yang paling banyak dipakai ditempat kerja

### Perilaku Anda

- Benda tajam yang bisa memotong atau mengamputasi tangan atau jari-jari anda:
  - Gunakan galah atau tang untuk menjauhkan tangan dan jari anda dari bahaya.
- Permukaan kasar atau tajam yang dapat merobek kulit tangan:
  - Gunakan gerinda atau kikir (file) untuk menghaluskan permukaan yang kasar.

- Mesin-mesin yang dapat menjepit atau menimpa jari dan tangan anda:
  - Pastikan peralatan telah dikunci, diberi label dan pastikan telah tidak beraliran listrik.
- Perhatikan juga daya gravitasi bumi
  - Jauhkan tangan dan jari anda dari bawah benda yang sedang diangkat atau sedang digantung.



### **PERHATIKAN...!!!!**

- Gunakan galah, tang dan penahan untuk menjauhkan tangan anda.
- Pastikan sumber energi telah putus dan dikunci
- Bahan kimia dapat membakar kulit, periksa sarung tangan yang akan dipakai
- Dinginkan material sebelum diangkat, atau ketahui dulu bahwa benda tersebut panas.
- Jauhkan tangan dari resiko tertimpa benda dari atas (gravitasi)

### **SAYANGILAH TANGAN KITA .....**



**JADIKAN BUDAYA SAFETY BAGIAN KEHIDUPAN KITA**

**HSE DEPARTMENT**





TUNU FIELD DEVELOPMENT PROJECT  
TUNU 11S/EPSC5

WEEKLY SAFETY TALK CONDUCTED REGARDING HAND FINGER INJURY AND MANUAL HANDLING  
PERIOD 2008 TO 2009



HSE DEPARTMENT  
update on  
14 April 2009

No	Date	Week No	Location	Topic Discussed	Personnel attend	Personnel absent	Addressed by	View photographs	Remarks
1	07-Jan-08	25	Sungai Purun	Shut down engine if not use LOTO (Lock out and tag out) only authorized personnel can be open, checking and regular inspection Use proper water dispenser Refueling procedure Use proper lighter for cutting torch Welding cable arrangement and placed at safe area Housekeeping (Ashtray only for cigarette waste) Working at height Road safety awareness <b>Hand injury due to manual handling</b>	327	0	Harvardian C (PJC/MTH) Ali Sugiono (PJC/CSR)  Kriswanto (PLI HSE Coord) Sabaruddin (PLI HSE Supv)		Weekly Gate Meeting
2	14-Jan-08	26	Sungai Purun	Follow safety procedure during confined entry space <b>Manual handling</b> Maintain housekeeping at work location Working at height Do not throw waste of plastic, hand glove, paper etc at ashtray <b>Use proper personal protective equipment at work location</b> Secondary containment for chemical or hazardous material Unsafe condition (Flooring for second deck) Road safety awareness Hygiene and sanitation for kitchen area <b>Safe working practice</b>	237	5	Harvardian C (PJC/MTH) Ali Sugiono (PJC/CSR) Kriswanto (PLI HSE Coord) Sabaruddin (PLI HSE Supv)		Weekly Gate Meeting
3	18-Feb-08	31	Sungai Purun	Personal protective equipment (Use proper eye protection during work at location) Electrical panel – Electrical safety procedure (LOTO – Log out and Tag out)  <b>Don't carrying material during climbing at ladder</b> Daily inspection with Site Supervisor Use proper access during working at height Work coordination Visitor induction Motorcycle safety campaign HAZOB card distribution Housekeeping at work place Shutdown running engine if not use to avoid any accident <b>Evaluate the risk during manual handling</b>	197	3	Royke F (PJC/MTH) Ali Sugiono (PJC/CSR)  Aspiannur (PLI HSE Coord) Sabaruddin (PLI HSE Supv)		Weekly Gate Meeting
4	03-Mar-08	33	Sungai Purun	<b>Work coordination</b> <b>Personal protective equipment</b> Confine space work and safe welding operation Health and hygiene for kitchen crew (Follow hygiene and sanitation procedure) Safe Scaffolding (Follow scaffolding procedure) Use proper respiratory mask during perform blasting and panting activity  Fire triangle, fire flash point and explosion <b>Safe working practice</b>	199	2	Harvardian C (PJC/MTH) Ali Sugiono (PJC/CSR) S.R. Mondal (PLI - SWM) Aspiannur (PLI HSE Coord)  Nanang S Soni(PLI HSE Supv)		Weekly Gate Meeting






**TUNU FIELD DEVELOPMENT PROJECT  
TUNU 11S/EPSCS**

**WEEKLY SAFETY TALK CONDUCTED REGARDING HAND FINGER INJURY AND MANUAL HANDLING  
PERIOD 2008 TO 2009**



HSE DEPARTMENT  
Update on  
14 April 2009

No	Date	Week No	Location	Topic Discussed	Personnel attend	Personnel absent	Addressed by	View photographs	Remarks
				Working at height <b>Manual handling campaign</b>					
5	03-Mar-08	39	Sungai Purun	Daily inspection before start activity should be done by site supervisor  Weekly schedule of inspection for electrical equipment Unplug if any electrical hand power tools unused Housekeeping at work location before start activity All worker should inform to scaffolder supervisor if see substandard scaffolding at work location Use proper full body harness during working at height (Double lanyard should be installed rigid place) Supervisor should be vigilance to close monitoring unsafe condition and unsafe act during routine activity. World safety day All gas cylinder should be close during break time Use proper PPE during routine activity at work location Barrcade system for hazard location <b>Discuss regarding safety alert and safety feed back notice from COMPANY regarding hand injury and manual handling</b>	232	6	Harvardian C (PJC/MTH)  Ali Sugiono (PJC/CSR) Aspiannur (PLI HSE Coord)		Weekly Gate Meeting
6	27-May-08	43	Sungai Purun	Hazards observation Use proper Personal protective equipment Road safety awareness Safety behavior Obey with Barrication system during performing work Before start activity all equipment use should be inspected visually  Lifting operation and manual handling. Unsafe position and unsafe condition Use proper hand tools during performing activity Housekeeping	231	8	Aspiannur (PLI HSE Coord)		Weekly Gate Meeting
7	07-Jul-08	51	Sungai Purun	Use proper personal protective equipment at work location  Awareness regarding Permit to work system of SPU Safe motor riding (Use proper helmet standard) <b>Unsafe acts and unsafe condition at work location</b> Always remember 4 R's -a) Be Responsible to yourselves b) Be Responsible to your Family c) Be responsible to your colleague c) Be Responsible to your Company Sea survival training should be attend by all workers whoever are going to SPU site. SFN-One Incident regarding without Using Proper PPE Barricade system at work location must be respect Safety behavior House keeping - Proper House keeping to be maintained -& Stack your own tools properly during & after the job	247	7	Royke F (PJC/MTH)  Ali Sugiono (PJC/CSR) Aspiannur (PLI HSE Coord)		Weekly Gate Meeting







TUNU FIELD DEVELOPMENT PROJECT  
TUNU 11S/EPSC5

WEEKLY SAFETY TALK CONDUCTED REGARDING HAND FINGER INJURY AND MANUAL HANDLING  
PERIOD 2008 TO 2009



HSE DEPARTMENT  
update on  
14 April 2009

No	Date	Week No	Location	Topic Discussed	Personnel attend	Personnel absent	Addressed by	View photographs	Remarks
8	07-Jul-08	51	Sungai Purun	<p><b>Use proper personal protective equipment at work location</b> Awareness regarding Permit to work system of SPU Safe motor riding (Use proper helmet standard) <b>Unsafe acts and unsafe condition at work location</b> Always remember 4 R's -a) Be Responsible to yourselves b) Be Responsible to your Family c) Be responsible to your colleague c) Be Responsible to your Company Sea survival training should be attend by all workers whoever are going to SPU site. <b>SFN-One Incident regarding without Using Proper PPE</b> Barricade system at work location must be respect Safety behavior House keeping – Proper House keeping to be maintained -&amp; Stack your own tools properly during &amp; after the job</p>	247	7	Royke F (PJC/MTH) Ali Sugiono (PJC/CSR) Aspiannur (PLI HSE Coord)		Weekly Gate Meeting
9	04-Aug-08	53	Sungai Purun	<p><b>Manual handling and correct position</b> <b>Hand injury cause of poor communication and coordination</b> <b>Unsafe acts and unsafe condition at work location</b> Safety behavior <b>Use proper personal protective equipment at work location</b>  Hazard identification at work location Job risk assessment Maintain Housekeeping at work place</p>	257	8	Harvardian C (PJC/MTH) Aspiannur (PLI HSE Coord)		Weekly Gate Meeting
10	25-Sep-08	SUP-01	SUP - SPU Site	<p><b>Safety awareness regarding hand finger injury</b> Job Risk Assessment should be discussed during tool box talk Risk and hazard working at height Risk and hazard welding, cutting and grinding activity Marine safety procedure <b>Use proper personal protective equipment during performing the job</b>  Risk control at work place Housekeeping and cleanliness at work place Hazard observation at work place</p>	65	0	Stephanus (PLI-SWM) Yohan R (PLI-HSE Supv) Mansyur (PLI-Supt)		Weekly Site Safety Talk
11	27-Oct-08	SUP-08	SUP - SPU Site	<p><b>Safe working practice</b> Hazard observation and reporting system <b>Personal protective equipment mandatory at work location (Use proper PPE)</b> Hazards of lifting operation, welding, cutting, grinding, working at height and working above water <b>Unsafe position and unsafe act</b> CeRMAT reporting system Safe lifting operation for structure for stilling tube Maintain housekeeping at work location Site visit VP from total on 28<sup>th</sup> October 2008 Safety behavior during site activity Hazardous materials storage</p>	65	0	Royke F (PJC/MTH) Ali Sugiono (PJC/CSR) Stephanus (PLI-SWM)  Yohan R (PLI-HSE Supv)  Aspiannur (PLI HSE Coord)		Weekly Site Safety Talk





TUNU FIELD DEVELOPMENT PROJECT  
TUNU 11S/EPSCS

WEEKLY SAFETY TALK CONDUCTED REGARDING HAND FINGER INJURY AND MANUAL HANDLING  
PERIOD 2008 TO 2009



HSE DEPARTMENT  
update on  
14 April 2009

No	Date	Week No	Location	Topic Discussed	Personnel attend	Personnel absent	Addressed by	View photographs	Remarks
12	03-Nov-08	SUP-09	SUP - SPU Site	Hazard observation and reporting system <b>Personal protective equipment mandatory at work location (Use proper PPE)</b> <b>Poor manual handling can cause hand finger injury</b> <b>Unsafe position and unsafe act</b> CeRMAT reporting system <b>Safe lifting operation at work location</b> Maintain housekeeping at work location Safety behavior during site activity Job risk assessment and good communication	67	0	Royke F (PJC/MTH) Ali Sugiono (PJC/CSR)  Aspiannur (PLI HSE Coord)		Weekly Site Safety Talk
13	15-Dec-08	SUP-15	SUP - SPU Site	Safe lifting operation <b>Safe Manual handling</b> Hazard observation Job risk assessment for each activity Work permit system Discusse regarding safety feed back notice "Hand finger injury" Safe working practice Hot work activity <b>Unsafe position and unsafe act</b> <b>Follow work procedure</b>	78	0	Harvardian C (PJC/MTH) Aspiannur (PLI HSE Coord) Stephanus (PLI-SWM)		Weekly Site Safety Talk
14	05-Jan-09	SUP-18	SUP - SPU Site	<b>Risk evaluation and management</b> <b>Mechanical guard/motor protection</b> Poor working space <b>Risk of Manual handling</b> Scaffolding and working at height Hazard observation Marine safety procedure Environmental awareness Health and hygiene POB Management system	82	0	Harvardian C (PJC/MTH) Aspiannur (PLI HSE Coord) Stephanus (PLI-SWM) Yohan R (PLI-HSE Supv)		Weekly Site Safety Talk
15	09-Feb-09	SUP-23	SUP - SPU Site	Marine safety procedure <b>Manual handling</b> <b>Job risk assessment and work permit</b> Waste management system Environmental awareness <b>Risk of hand injury due to manual handling and lifting operation</b>  Hazard observation at work place Electrical hazard Inspection and audit Scaffolding and working at height Maintain housekeeping at work location	53	0	Aspiannur (PLI HSE Coord) Yohan R (PLI-HSE Supv) Nanang S Soni Stephanus (PLI-SWM)		Weekly Site Safety Talk



**PT. PUNJ LLOYD INDONESIA**  
**TRAINING CONDUCTED FOR TUNU 11 S / EPSC 5**  
 Summary for month January 2008 to March 2008

No	Date	Location	Training Details	Attendance	Training Manhours	Conducted By	Remarks
<b>Jan-08</b>							
1	11-Jan-08	Base Camp Sungai Purun	Safe crane operation and basic rigging and slinging	11	22	Aspiannur	In house training
2	13-Jan-08	Base Camp Sungai Purun	Practice defensive driving and road safety awareness	5	10	Aspiannur	In house training
3	28-Jan-08	Base Camp Sungai Purun	HSE Awareness to Supervisor	14	21	Aspiannur	In house training
<b>Feb-08</b>							
1	01-Feb-08	Base Camp Sungai Purun	Manual Handling	31	31	Aspiannur	In house training
2	02-Feb-08	Base Camp Sungai Purun	Basic fire fighting	31	31	Aspiannur	In house training
3	08-Feb-08	Base Camp Sungai Purun	Road Safety Awareness	7	10.5	Aspiannur	In house training
4	16-Feb-08	Base Camp Sungai Purun	Basic fire fighting	9	4.5	Dewi Sri N	In house training
5	11-14-Feb'08	PT. Alkon Balikpapan	Training for trainer	1	40	Ir. Ismail & Ir. Muslimin	External Training
6	11-14-Feb'08	PT. Alkon Balikpapan	Forklift	2	40	Alkon Trainer	External Training



**PT. PUNJ LLOYD INDONESIA**  
**TRAINING CONDUCTED FOR TUNU 11 S / EPSC 5**  
Summary for month January 2008 to March 2008

No	Date	Location	Training Details	Attendance	Training Manhours	Conducted By	Remarks
7	19-Feb-08	Base Camp Sungai Purun	Log out and tag out electrical safety procedure	6	7.5	Aspiannur	In house training
8	29-Feb-08	Base Camp Sungai Purun	Confined Space training	13	26	Aspiannur	In house training
<b>Mar-08</b>							
1	13-Mar-08	Base Camp Sungai Purun	Risk assessment/safe rigging and set up crane	14	14	S. Raju and Aspiannur	In house training
2	21-Mar-08	Base Camp Sungai Purun	Basic Scaffolding and working at height	17	25.5	Aspiannur & Aspiannoor	In house training

Prepared by,

**Aspiannur**  
HSE Dept



**PT. PUNJ LLOYD INDONESIA**  
**TRAINING CONDUCTED FOR TUNU 11 S / EPSC 5**  
 Summary for month April 2008 to June 2008

No	Date	Location	Training Details	Attendance	Training Manhours	Conducted By	Remarks
<b>Apr-08</b>							
1	01-Apr-08	Base Camp Sungai Purun	Cause tree analysis - workshop	15	75	Richard Killer	External Training
2	07-Apr-08	Balikpapan	Scaffolding Inspector	1	30	PT. ALKON	External Training
3	09-Apr-08	Base Camp Sungai Purun	Safe use grinding machine and hand tools safety	14	28	Aspiannur	In house training
4	14-Apr-08	Base Camp Sungai Purun	SMK-3 Awareness program	14	28	S.Raju	In house training
5	18-Apr-08	Base Camp Sungai Purun	Personal protective equipment awareness program	14	14	Aspiannur	In house training
6	18-Apr-08	Base Camp Sungai Purun	Lifting operation awareness program	16	16	Aspiannur	In house training
7	18-Apr-08	Base Camp Sungai Purun	Working at height awareness program	16	16	Aspiannur	In house training
8	26-Apr-08	Base Camp Sungai Purun	Working at height awareness program and correct use of full body harness	14	21	Aspiannur	In house training
<b>May-08</b>							
1	16-May-08	Base Camp Sungai Purun	Welding Safety and Lifting Operation awareness	21	21	Aspiannur	In house training



**PT. PUNJ LLOYD INDONESIA**  
**TRAINING CONDUCTED FOR TUNU 11 S / EPSC 5**  
Summary for month April 2008 to June 2008

No	Date	Location	Training Details	Attendance	Training Manhours	Conducted By	Remarks
1	16-May-08	Base Camp Sungai Purun	Scaffolding awareness	21	21	Aspiannur	In house training
2	16-May-08	Base Camp Sungai Purun	Personal protective equipment awareness program	21	21	Aspiannur	In house training
3	17-May-08	Base Camp Sungai Purun	Road Safety awareness	7	7	Aspiannur	In house training
4	31-May-08	Base Camp Sungai Purun	Accident and Anomaly Reporting	15	15	Aspiannur	External Training
<b>Jun-08</b>							
1	7-8-Jun-08	Handil - Senipah	Advance Fire Fighting	5	80	DELTA HSE	External Training
2	05-Jun-08	Base Camp Sungai Purun	Safe Rigging and Lifting Awareness	12	12	Aspiannur	In house training
3	09-Jun-08	Base Camp Sungai Purun	Work Permit Training	30	75	Gerric Viencent	External Training

Prepared by,

  
**Aspiannur**  
HSE Dept