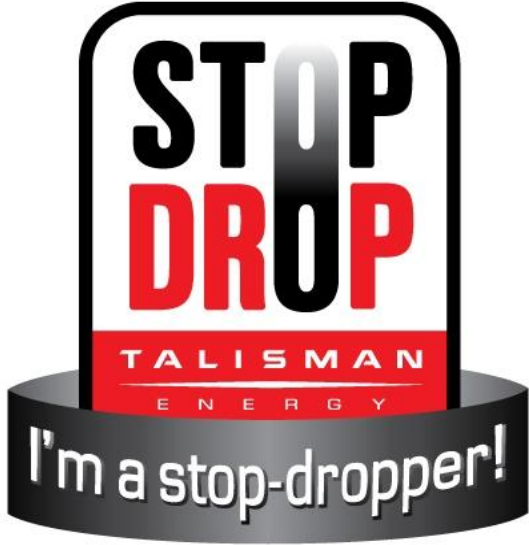


# THE TALISMAN STOP-DROP CAMPAIGN



**TALISMAN**  
ENERGY

# POTENTIAL DROPPED OBJECTS STATISTICS



Synergi - rapport - Windows Internet Explorer

File Edit View Favorites Tools Help

Synergi Solutions AS Pride Synergi | Utvalgsrapport | 29.05.2012 | 14:33

Utskrift Lagre

Søkekriterier

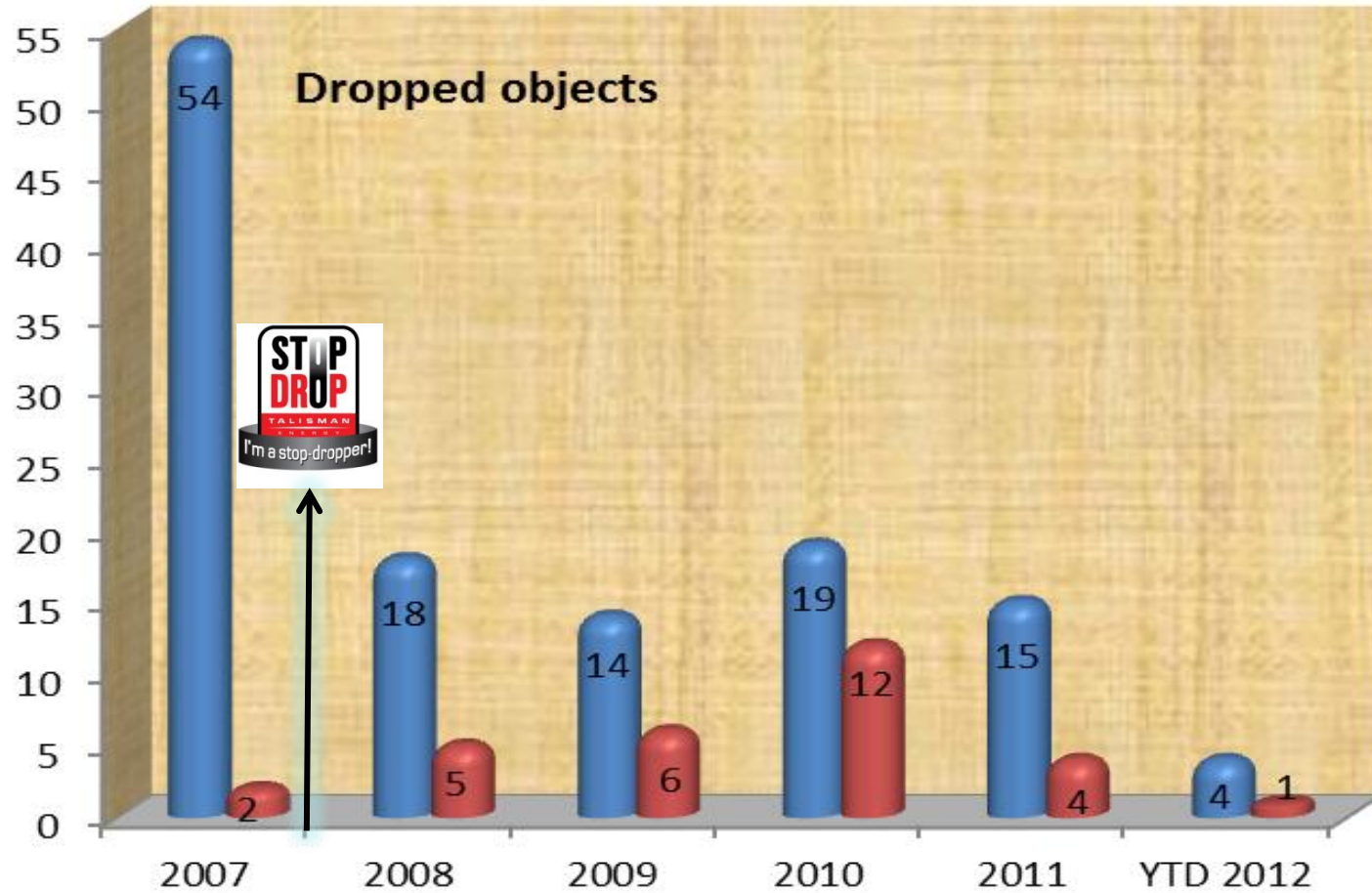
Felt	Verdi
Potensiell fallende gjenstand	Valgt
Saksdato	Fra 01.01.2012
Sakstype	HMS kort

Antall rader: 186 → 186 pro-active observations so far this year

Saksnr., Vanlig	Saksdato, Periode = Døgn	Driftsted, Nivå = 3	Status, Vanlig	Rapportert av firma, Vanlig	Saksbeskrivelse, Vanlig	ASR, Vanlig	Antall registreringer
333291	2012 01 01	Talisman - Offshore - Gyda	Avsluttet	Archer	En høydesikret hammer som lå på BOP dekk ble viklet inn i tauveil da tauet skulle dras opp. Vi oppdaget hammer på vei opp og tok tak i hammeren og tau ca 0,5 meter over bakken. Aak	Ikke valgt	1
333513	2012 01 01	Talisman - Offshore - Yme	Avsluttet	Norse Offshore	Fant metallbit i høyden, ca 5 m og vekt 500 g. Funnet ifm med kabeltrekking. Biten ble tatt ned og kastet. 02.01.12 IE God observasjon; premiert med t-skjorte.	Ikke valgt	1
333831	2012 01 02	Talisman - Offshore - Yme	Avsluttet	-- Ikke valgt --	Second processdeck M22E: During looking for loose scaffolding equipment I found not complete radio lying on scaffolding next to water in area M22 east.	Ikke valgt	1
333851	2012 01 03	Talisman - Offshore - Yme	Avsluttet	Cansco Greig	Station bill outside LQ entrance NW - 1st process deck was flapping in wind and close to being torn away. Removed and took to permit office.  Handed to Talisman Ops after trying to contact Talisman safety on channel 3.  New station bill will be installed. Talisman safety can be reached on phone 5200 1079 or channel 2 when out on Yme.	Ikke valgt	1
333892	2012 01 03	Talisman - Offshore - Yme	Avsluttet	Talisman	Trepalle/kasse med propanflasker ved siden av gangbro over til Rowan holdt på å blåse i stykker. Oppå kassen lå også ei kryssfinerplate med spiker i som kunne blitt tatt av vinden. Dette ble sikret umiddelbart .	Ikke valgt	1
334013	2012 01 04	Talisman - Offshore - Gyda	Avsluttet	Archer	Det ble observert løs plate over boredekk-west. Plate ble sikret med pop-nagler og bolter - ok.	Ikke valgt	1
334193	2012 01 02	Talisman - Offshore - Yme	Avsluttet	Norisol	Jernskrap lå på himling dekk B.  Ble fjernet.	Ikke valgt	1
334201	2012 01 02	Talisman - Offshore - Yme	Avsluttet	Talisman	Marcus Jansson Sikret kasse utenfor M 22 N. den hadde blitt ut av segv. foto og var i ferd for å bli øsket ut av røde fotot. Sikret den med et	Ikke valgt	1

Done Local intranet | Protected Mode: On 100%

# DROPPED OBJECTS STATISTICS



■ Dropped objects (all categories) ■ Dropped objects reported to PSA

■ Dropped objects (all categories) ■ Dropped objects reported to PSA

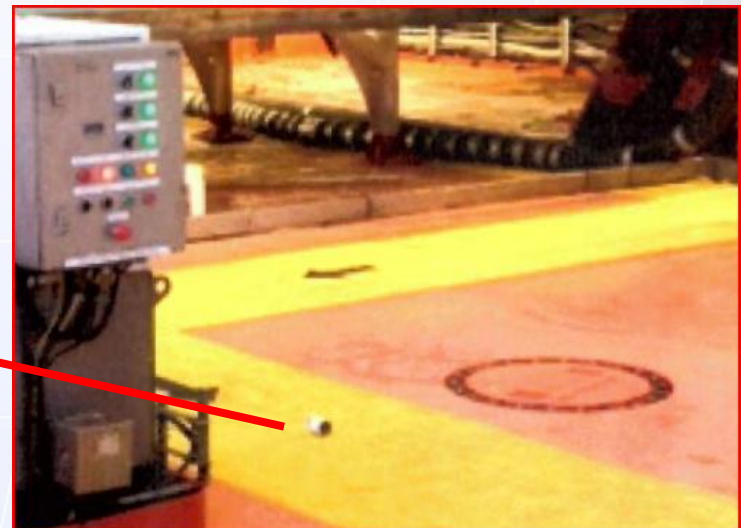
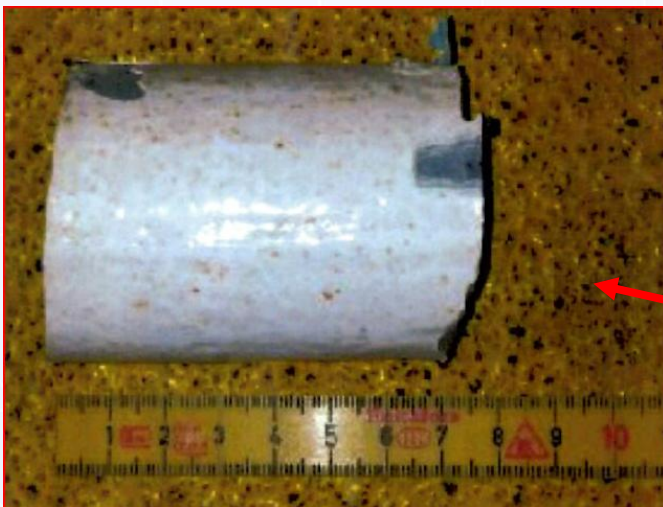
# Safety flash !!!! One-pager

- **Where:** Rowan Stavanger
- **What:** Dropped object
- **Synergi:** 373191
- **When:** 5th of May 2012
- **Reason:** Poor planning

- Person was using grinder to cut a light in structure. A piece of structure fell down on the gangway from cantilever on a port. Weight 268 grams, 8,5 m = 23 joules.

## Learning points for experience transfer:

- Spend time to plan jobs better.
- Use barriers to prevent people walking underneath work space
- Secure things that can drop
- Inadequate knowledge for procedures



# Safety flash !!!! One-pager

**Hvor:** Gyda plattform

**Hva:** Potensielt fallende sikringswire fra derrick

**Synergi:** 354956

Under arbeid i derrick ble det oppdaget en sikringswire (16mm Ø) som så noe defekt ut. Saken undersøkt nærmere med tanke på fare for dropped object. Oppdaget da at denne var i en så dårlig forfatning at den kunne bare røskes løs med et lite rykk. Vekt ca 1 kg, dropphøyde ca 30 m = 300 joules.

- **Når:** 9. mars 2012
- **Årsak:** Manglende vedlikehold og overvåkning av sikringswire.

## Lærepunkter til erfaringsoverføring:

- **Mangel på overvåkning under tidligere boreoperasjoner.**
- **Ingen rutinemessige utskiftninger av wire.**
- **Sikringswire ikke registrert i vedlikeholdsrutiner.**



# Safety flash !!!! One pager

- **Where:** Gyda platform, Norway
- **What:** Damage on the Henriksen hook
- **Synergi:** 336731
- **Damage on the Henriksen hook caused the MOB boat not being able to be lifted to deck by the crane.**
- **The water jet of the MOB boat was not put in the neutral position, as it should have been prior to being hooked on. As the boat was still in motion, the crane driver could not commence the lift quickly. The precursor came underneath the trigger handle and damaged same. The lift was subsequently stopped.**

- **When:** 14.01.2012
- **Root cause:** MOB water jet was not disconnected, the boat was still in motion while being hooked on

## Lessons learned:

- **Use appropriate hard hat to ensure it does not fall off, which can cause lack of focus on tasks performed.**
- **Ensure good communication between MOB boat crew and the crane driver.**
- **Spare hook must be available offshore**
- **The hook was modified after the incident**



The Henriksen hook with the damaged trigger handle

Modified Henriksen hook



# Safety flash !!!! One pager

**Where:** Gyda platform, Norway

**What:** Dropped object

**Synergi:** 334151

Signs showing installation name and block ID fell. The wind speed was at the time 70 kts, 83 kts gust. The sign comprises several elements in metal, approximately 90x190 cm, each with a weight of 17 kg. 8 elements fell 4m down onto underlying structures. No personnel were injured. The incident was reported to PSA

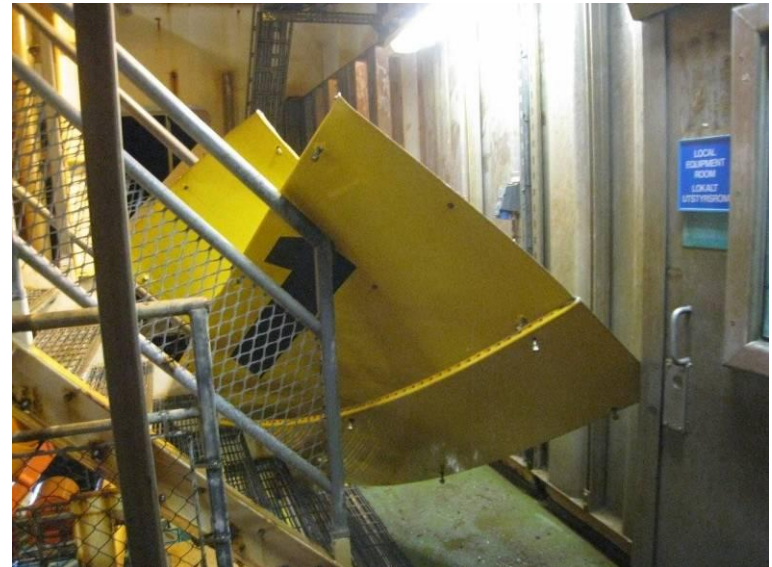


**When:** 03.01.2012

**Root cause:** No maintenance performed

## Lessons learned:

No maintenance had been performed on the signs. A planned maintenance program has commenced for equipment which is bolted/fixed and can cause damage or injury if falling down



# Activities planned for 2012



- Prevention of dropped object Seminar.
  - Executed 28.03
  - Approx 60 persons participated
- Planning implementation of Stop-Drop material as a package
  - New procedure
  - New handbook
  - “Refreshed” monthly Stop Drop Award (From DAB-radio to Nikon camera)
- Annual Stop-Drop Award ( 2011 – 2012)
  - Holiday winner 20 000 NOK (2 years with Archer personnel)
- Introduce Stop-Drop on Rowan Stavanger and Re-introduce on Maersk Giant.
- Continue with Find and Win ( finn & vinn) campaign as a step child from Stop-Drop



## 1. Stop Drop – Drops

- Motivator for participating in the campaign
- Handed out everywhere



## 2. Positive attention for a good Stop-Drop culture ( find & win)

- T-shirt
- Observation and removal of PDO
- Distributed by OIM



## 3. Winner of the month

- NIKON Camera
- Pro-active action to prevent DO
- Promoted on Talisman Intranet



## 4. Annual winner

- Holiday worth 20000,- nok ( net)
- Select the winner, done by Stop-Drop group
- Overrekkes av Drilling Manager



# "STOP DROP" for 2011 - 2012

Diplom

**STOP DROP**  
TALISMAN ENERGY  
I'm a stop-dropper!

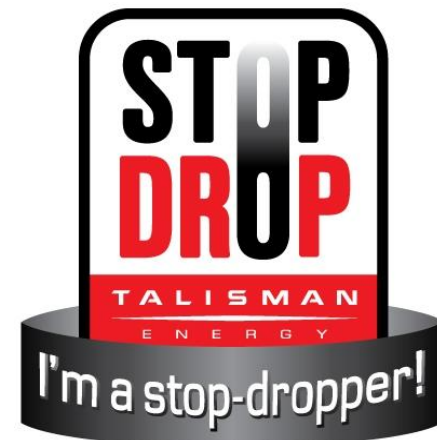
**StopDrop 2012 Tildeles**  
*Bjørn Reppen*

Bjørn Reppen beviser at man ikke trenger å velge kvalitet *eller* kvantitet, men derimot kvalitet *og* kvantitet! Alle bidragene er gode eksempler på hvordan å identifisere og kontrollere potensielle fallende gjenstander, slik at vi kan unngå faktisk fallende gjenstander.

23.05.2012  
Dato

*[Signature]*  
Sign

TALISMAN ENERGY



STOPDROP

Aktiv deltakelse for å hindre fallende gjenstander

Fortell om dine tiltak, og du kan vinne en reise til **kr. 20.000**

Tilleggspremie hver måned: **DAB** radio med alarm, AUX og MP3

Fortell oss hvordan du identifiserte og hindret en fallende gjenstand, via installasjonens rapporteringsverktøy.

Beskriv hvordan du/dere:

- Identifiserte potensielle fallende gjenstander
- Kontrollerte og forebygde en potensiell fallende gjenstand
- Tok personlig ansvar for å forebygge fallende gjenstander

Konkurransen:

- Hver måned blir det kåret en månedsvinner blant de beste bidragene
- 1 April 2012 blir det kåret en vinner av reisen til 20.000,- kroner (Talisman dekker skatt for beløpet til vinneren)

**STOP DROP**  
TALISMAN ENERGY

*help us do a better job!*

# STOP-DROP for 2012 - 2013

# STOPDROP

Aktiv deltakelse for å hindre fallende gjenstander

Fortell om dine idéer, og  
du kan vinne en reise til  
**kr 20.000 !!!**

2012-2013

## Tilleggspremie hver måned:

Fortell oss hvordan du identifiserte og hindret en fallende gjenstand, via installasjonens rapporteringsverktøy.

Beskriv hvordan du/dere:

- Identifiserte potensielle fallende gjenstander
- Kontrollerte og forebygget en potensiell fallende gjenstand
- Tok personlig ansvar for å forebygge fallende gjenstander

Konkurransen:

- Hver måned blir det kåret en månedsvinner blant de beste bidragene
- I April 2013 blir det kåret en vinner av reisen til 20.000,- kroner (Talisman dekker skatt for beløpet til vinneren)

TALISMAN

ENERGY

*hjelp oss å bli enda bedre!*



www.deltrek.no

# STOPDROP

Get involved in preventing dropped  
objects and you can win a trip worth  
**Nkr 20.000 !!!**

2012-2013

There is also a monthly award of a  
NIKON S-30 waterproof Digital camera. It's water and shock-  
proof so no worries. A camera that tolerates rough treatment!

Write down how you identified and prevented a dropped object. Perhaps through one of the reporting systems like the HSE card, RUH, Active Card or Synergi. Or maybe you performed a SJA, a pre-job conversation or had a Plan4Lifting conversation. Whatever you did, tell us how you planned the job and the actions you came up with.

What does it take to win?

The best reports will be nominated to win the monthly award. In the nomination process we will select the reports that demonstrated good planning of the job and that resulted in direct actions to prevent dropped objects.

In April 2013 the best report will be awarded the kr. 20.000 travel prize, and what's more Talisman will cover tax for the winner!

TALISMAN

ENERGY

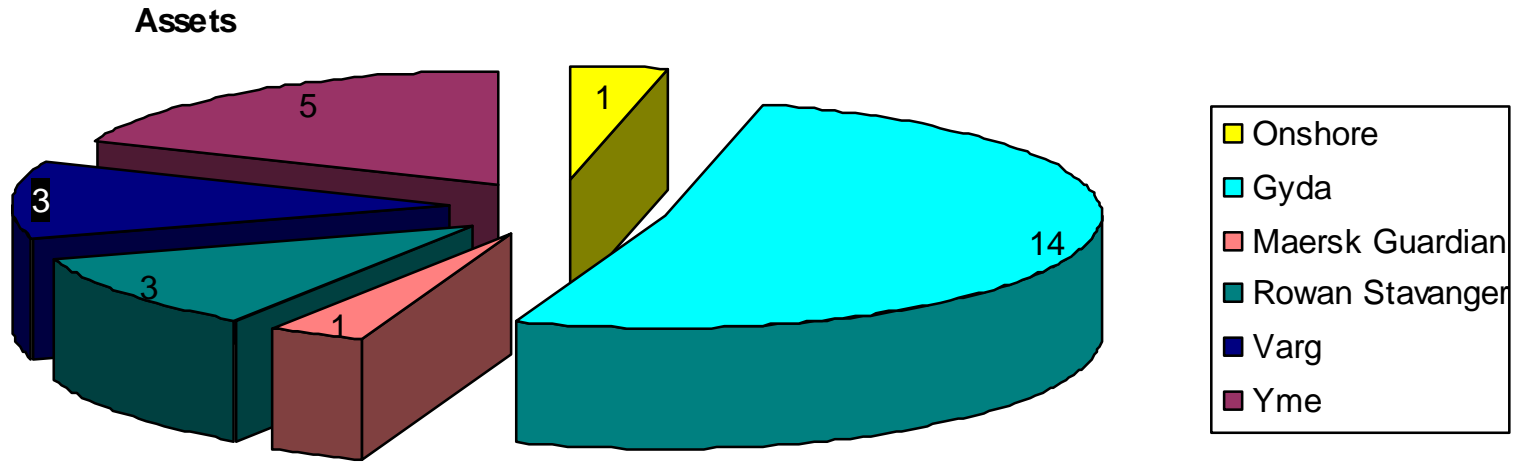
*help us do a better job!*



TALISMAN

ENERGY

# Dropped objects 2011

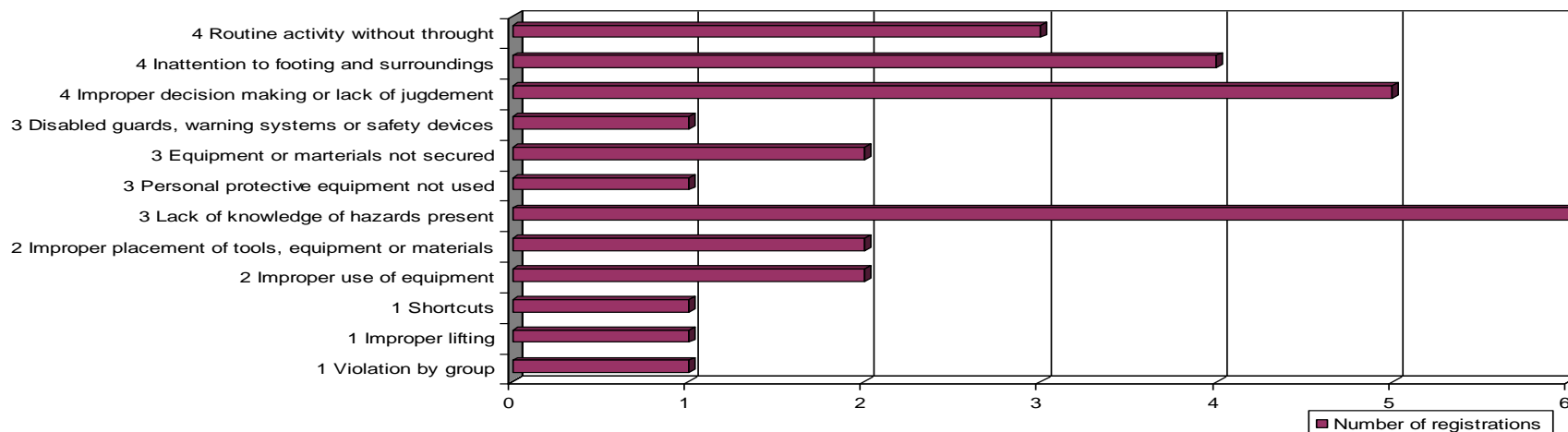


The overview shows all dropped objects including 4 cases reported to PSA.

# Dropped objects - Immediate causes



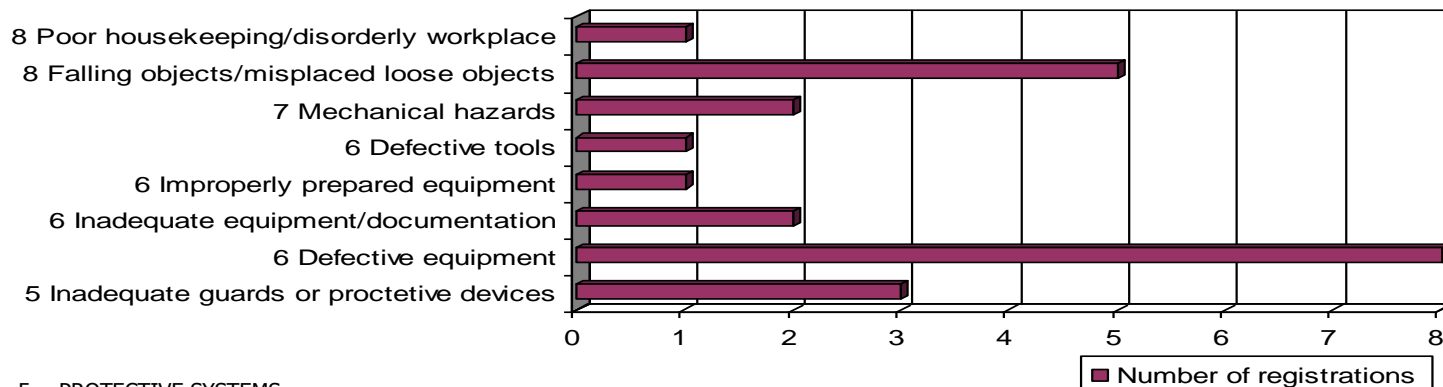
## Act



- 1 = FOLLOWING PROCEDURES
- 2 = USE OF TOOLS OR EQUIPMENT
- 3 = USE OF PROTECTIVE METHODES
- 4 = INATTENTION/LACK OG AWARENESS

The first number in the description is explained to the left. Example: 4 means Inattention/lack of awareness.

## Condition

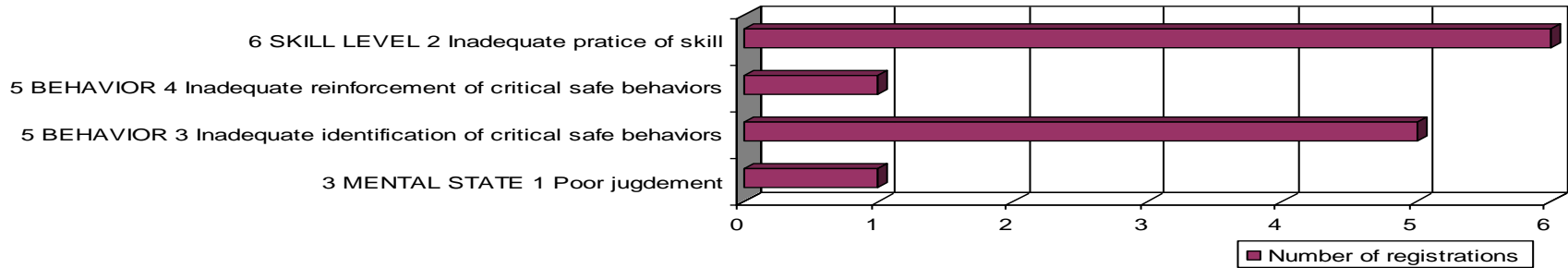


- 5 = PROTECTIVE SYSTEMS
- 6 = TOOLS, EQUIPMENT & VECHILES
- 7 = WORK EXPOSURES TO
- 8 = WORK PLACE ENVIRONMENT/LAYOUT

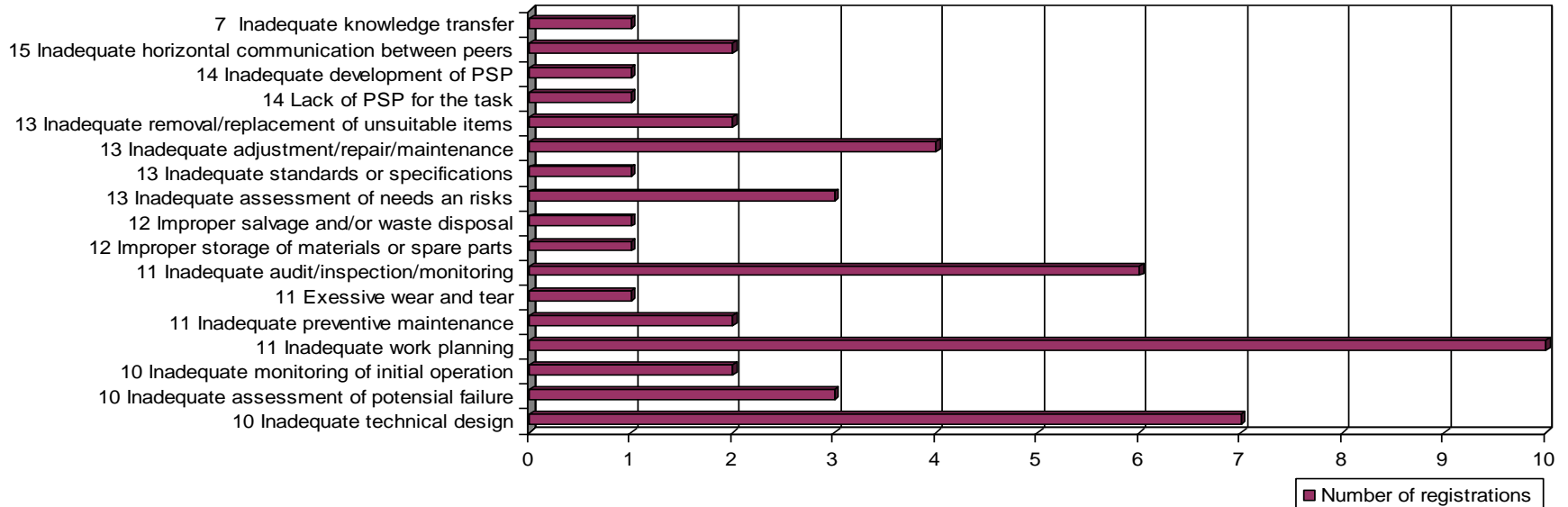
# Dropped objects - System causes



## Personal factor



## Job factor

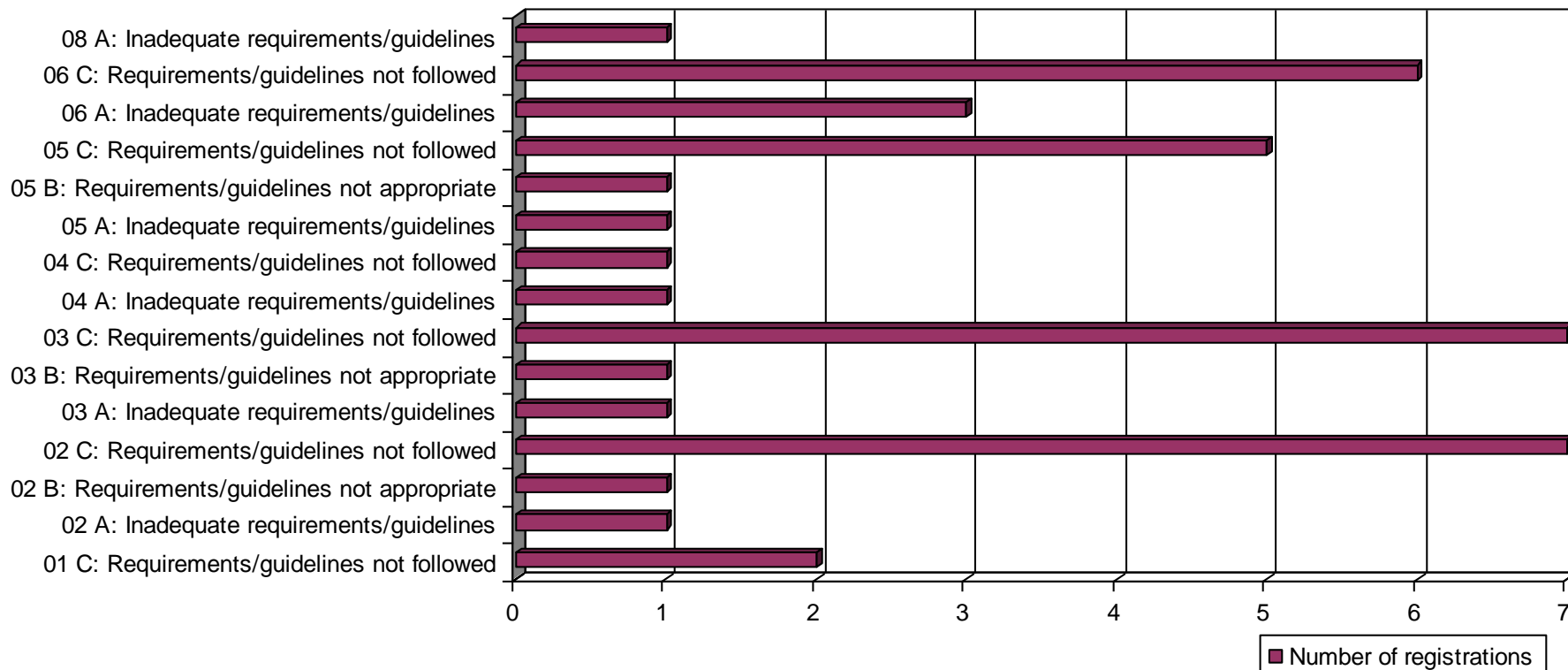


- 10 = ENGINEERING/DESIGN
- 11 = WORK PLANNING
- 12 = PURCHASING, MATERIEL HANDLING & MATERIAL CONTROL
- 13 = TOOLS & EQUIPMENT
- 14 = WORK RULES/POLICIES/STANDARDS/PROCEDURES (PSP)
- 15 = COMMUNICATION
- 7 = TRAINING/KNOWLEDGE TRANSFER

# Dropped objects - Element of control

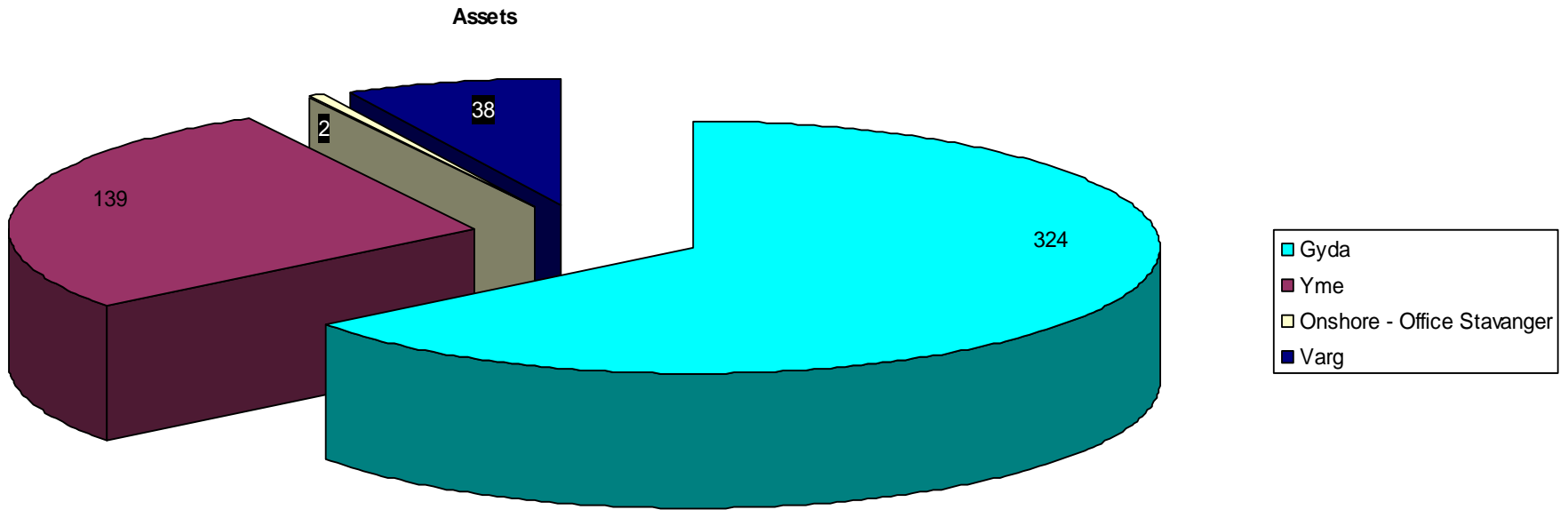


Element of control



- 01 = Leadership and Accountability
- 02 = Risk Assessment and Management
- 03 = People, Training and Behaviours
- 04 = Working with Contractors and Others
- 05 = Facilities design and Construction
- 06 = Operation and Maintenance
- 08 = Information and Documentation

# Potential dropped objects 2011



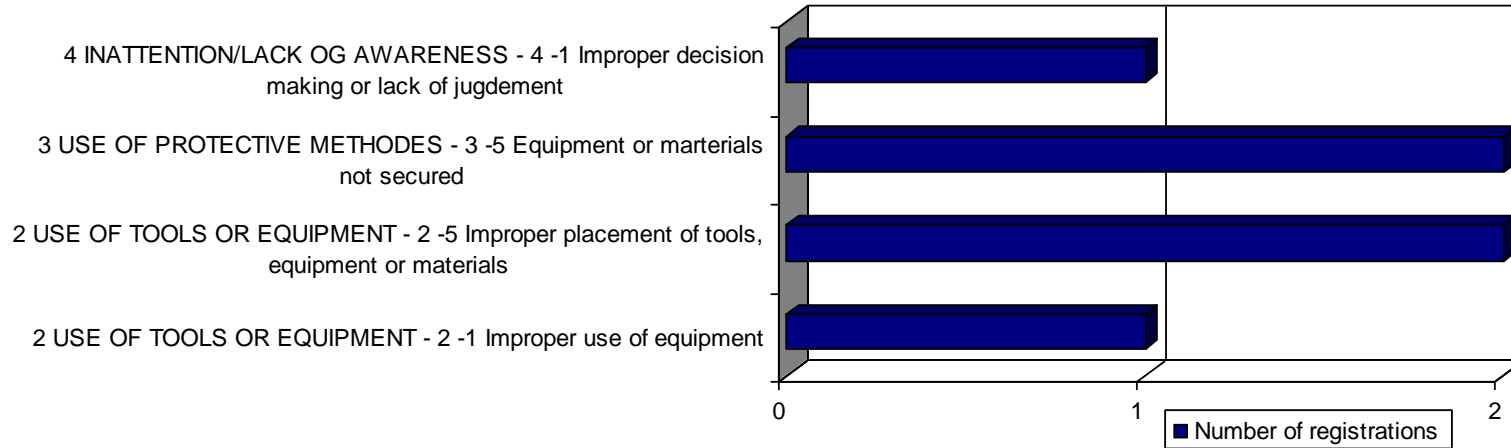
The overview shows potential dropped object reported. Potential dropped objects on drilling rigs are not included. This information is not entered into TENAS Synergi.



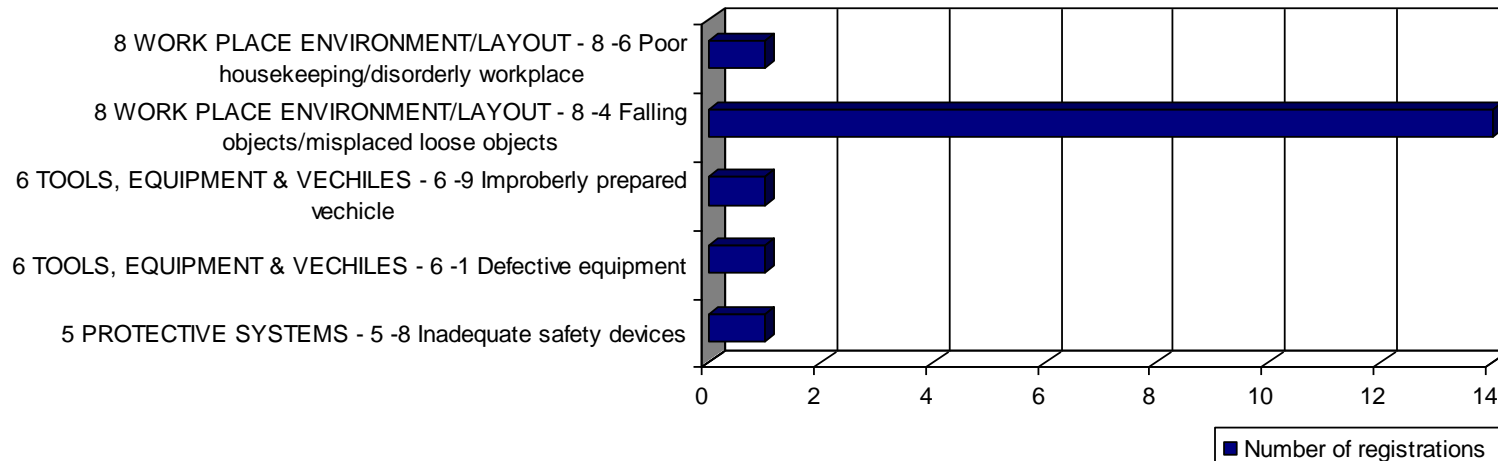
# Potential dropped objects - Immediate causes



Immediate causes - Act



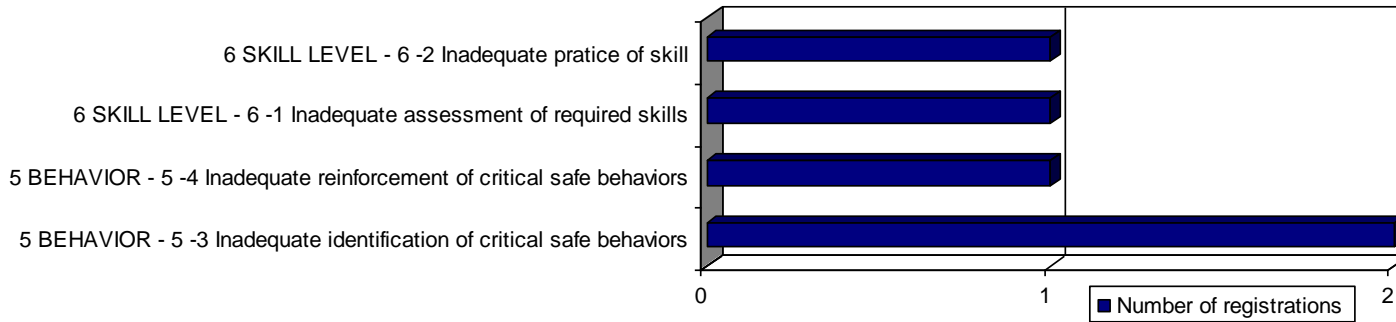
Immediate causes - Condition



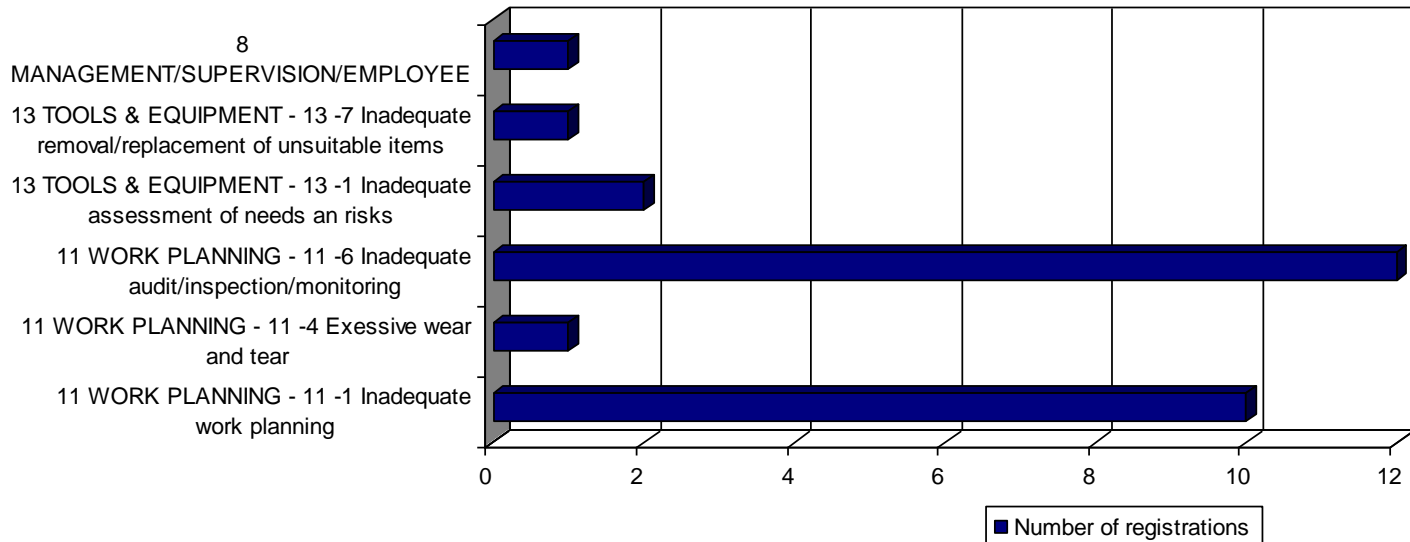
# Potential dropped objects - System causes



Possible system causes - Personal factor



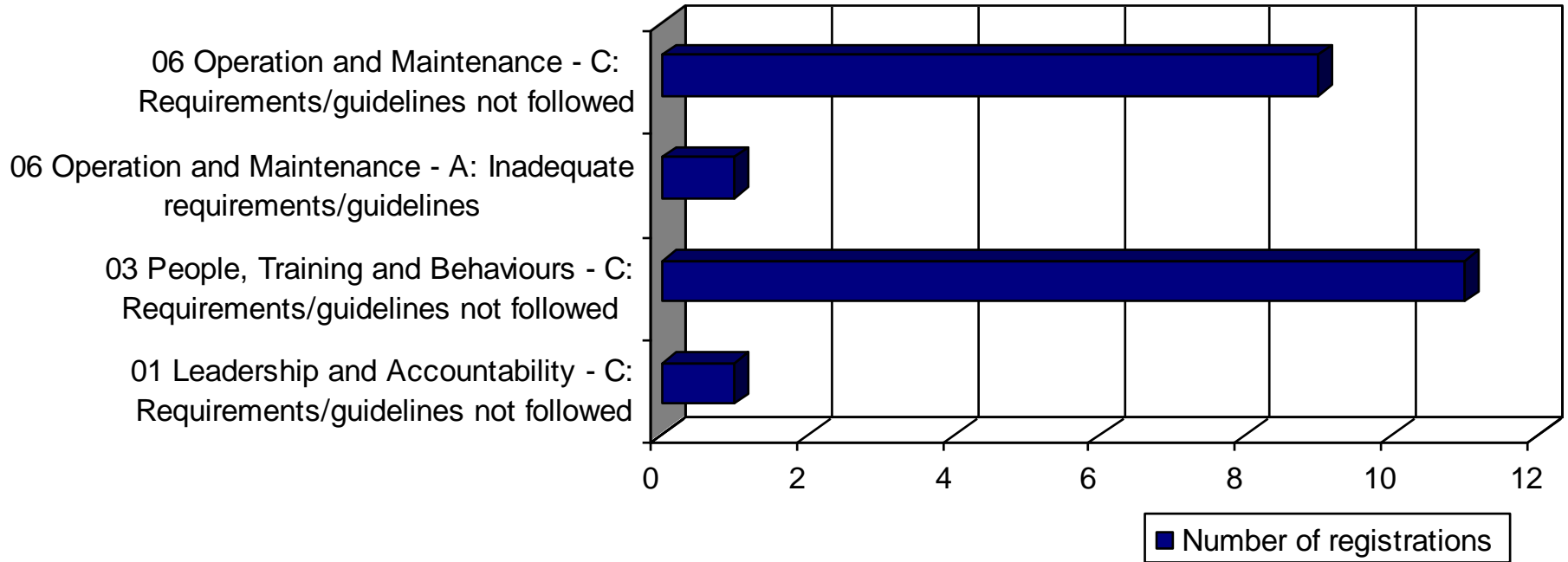
Possible system causes - Job factor



# Potential dropped objects - Element of control



Control element



# Potential and dropped objects – Analysis



## Dropped objects:

For immediate causes related to personnel, main contribution are “lack of judgement” and “knowledge of hazard present”, system causes “inadequate safe behaviour” and “inadequate practice of skills”. Element of control is related to requirement not followed for “risk assessment” and “training and behaviour”.

For immediate causes related to condition/job, main contribution are “defective equipment”, system causes “work planning”, “technical design” and “inadequate monitoring”. Element of control is related to requirement not followed for “operation and maintenance”.

Related to condition/job, risk based inspection program have to take into consideration that equipment not important for operation, still can be a risk to personnel.

**Recommended action :** Ensure personnel have sufficient training to understand involved risk related to dropped objects for their daily operations. This may help to improve knowledge and skills, then improve judgement and behaviour.

**Recommended action :** Make sure risk based inspection program also take into consideration that equipment that might cause a dropped object must be monitored and inspected.

# GO HOME SAFE



- FILM

