## Incident Investigation Report

### Date and Time Where Incident Occurred: 28/06/2015 09.30 am

### Location: Barge MDM 3

### Description of Incident:

On 28/06/2015 - during MDM 3 barge cargo cleaning operation done by Bobcat (1 unit) and wheel loader (1 unit). Bobcat N2 operated at that time by Mr. Rusdianto suddenly caught fire at engine side/back of Bobcat.

When Mr. Sunarto who was operating the wheel loader, noticed the fire from Bobcat, he activated and used the fire extinguisher from his wheel loader ZL1 (using Dry powder 6 kgs).

Unfortunately, the later broke and freed liquid which by falling on electrical connection below, started an electric fire.

### Name of Victim, Parts of Body and Type of Injuries:

NIL

### Target:

Fire engine on Bobcat 2

### Immediate Measures:

- Extinguish the fire: Sunarto 26/06/2015
- Information to be made to radio room operator and duty manager: Bayu Purusa 28/06/2015
- Notification to be made to IPROMI management: Sebastien 28/06/2015

### Made By:

- Position/Head of Department: Cleaning
- Signature: Chamim

### Prevention Measures:

- Investigation to be made by mechanical Team: Ion/Rudy 30/06/2015
- Study to implement additional alarm (visual/audio) circuitry in case of abnormalities: Ion/Rusa 31/06/2015
- Immediate replacement of ZL01 Fire Extinguisher and re-fill of the empty one: Chamim 31/07/2015
- Repair / changed damaged part of bobcat using dedicated spare parts: Ion/Rudy 31/08/2015
- Socialization to be made to entire Heavy Equipments operator regarding the monitoring of temperatures devices and to stop operations if required: Chamim 30/07/2015
- Review of Company OHSAS procedure related to Heavy equipments operation: Chamim 31/07/2015
- Review of Company OHSAS risk assessment related to Heavy equipments operation: Chamim 31/07/2015

### Made By:

- Position/Head of Department: Cleaning
- Signature: Chamim

### Consequences:

Time Loss: Waktu yang Loyo 28/06/15

### Names of Equipments Involved and Description of Damages:

- Name: Bobcat N2
- Parts Involved: Radiator hose
- Description of Damage: Not having discarded the Bobcat while waiting the spare parts.

### Unsafe Actions / Tindakan Tidak Aman:

Installation of nonoriginal radiator hose which lead to unclamp & leakage condition

### Unsafe Condition / Kondisi Tidak Aman:

As per maintenance of equipment, radiator hose has been ordered last May 2015 as to proceed with replacement.

Original parts are received 3 months after order passed meaning should be on site in July 2015. Hose of Bobcat 2 was leaking and temporary repair has been done as to keep on using it.

Unfortunately, the later broke and freed liquid which by falling on electrical connection below, started an electric fire.

### Prevention Measures:

- Installation of nooriginal radiator hose which lead to unclamp & leakage condition
- Last annual certification of the Bobcat N2 was on 7th August 2014 & oil temperature gauge was found in proper working condition

### Immediate Replacement:

- Hose of Bobcat 2: As per maintenance of equipment, radiator hose has been ordered last May 2015 as to proceed with replacement.

Original parts are received 3 months after order passed meaning should be on site in July 2015. Hose of Bobcat 2 was leaking and temporary repair has been done as to keep on using it.

Unfortunately, the later broke and freed liquid which by falling on electrical connection below, started an electric fire.

### Close Date:

28/06/15