Brooke Dockyard & Engineering Works Corporation (SWK 1563)

SHARING OF SOHELP 2016
IMPLEMENTATION EXPERIENCE

Presenter: Andrew Ronggie
Senior Manager, HSE
Date: 15 March 2017
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1. Company Introduction
2. Before & After SOHELP
3. Other Initiatives
4. Overall Overview on SOHELP
5. Recommendation To Improve SOHELP in future
6. Other SOHELP matters.
7. Conclusion

"I Am A Safe Worker... .......... Nobody Gets Hurt"
The Company Introduction

Background

Brooke Dockyard established in 1912
(reputedly the oldest shipyard in Malaysia)

Government Statutory Body, 100% owned by the State
Government of Sarawak Under Ministry of Infrastructure
Development and Communication

Active in Oil & Gas (Offshore and Onshore), Shipbuilding,
Ship Repair and Bridges construction industries.

"I Am A Safe Worker... ........... Nobody Gets Hurt"
Introduction

Name: Brooke Dockyard and Engineering Works Corporation

Address: Sejingkat Yard, Jalan Bako
         93050 Kuching Sarawak

Contact Person: Andrew Ronggie

Telephone No.: 082 - 432640          Fax No.: 082 - 433146

Email: andrew@brookedockyard.com.my

Commencement of Operation: Year 1912

DOSH Reg. No.: SWK 1563

Type of Industry: Fabrication, Manufacturing and Engineering Services

No. of Workers: 340  (Male: 280  Female: 60)
1. OHS MS Certification & Recognition

- HSE Management System is certified to OHSAS 18001:2007 & ISO 14001:2004 EMS since 2009 & 2015 respectively. The last Surveillance Audit conducted on 19-21/10/2016 with no NCR and 5 OFI findings.

Recent HSE Recognition

- Nov.2016 : Awarded SOHELP Level 4 by DOSH Sarawak for SOHELP Implementation 2016
- Nov.2016 : MOSHPA Gold Award 2015 for OHS MS for Fabrication of Steel Assemblies and Module for Oil & Gas Industries.
- 2013-14 : MOSHPA Gold Award 2013/2014 for OHS MS for Fabrication of Steel Assemblies and Module for Oil & Gas Industries.
- 2012 : MERIT Award for Sarawak Chief Minister Environmental Award (CMEA)
- 2011/2012 : Malaysian Construction Industry Award (MCIEA)-Safety & Health Category

"I Am A Safe Worker... ........... Nobody Gets Hurt"
## 2. HSE STATISTICS FOR 2013-2017 (AS OF 24/02/2017)


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<th>Project</th>
<th>Current Year</th>
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<th>Year -2</th>
<th>Year -3</th>
<th>Year -4</th>
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<td>EPCC of SASA</td>
<td>EPC of SASA Subst &amp; EPCC of SASA/SA-AA</td>
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Total manhours worked: 5.2 Million

"I Am A Safe Worker... ......... Nobody Gets Hurt"
BEFORE

Diesel welding machine without drip pan

AFTER

Diesel Welding set placed in drip pan to contain spillage.

"I Am A Safe Worker... ........... Nobody Gets Hurt"
SOHELP: Chemical Improvement Level 4

BEFORE

Temporary Scheduled Waste Storage

AFTER

New Dedicated Scheduled Waste Storage

"I Am A Safe Worker... ........... Nobody Gets Hurt"
SOHELP: Chemical Improvement  Level 4

- BEFORE

Mixing of paint manually

- AFTER

Mixing paint / chemical with stirrer

"I Am A Safe Worker... ........... Nobody Gets Hurt"
SOHELP: Chemical Improvement Level 2

BEFORE

Workshop without ventilation system fan

AFTER

Workshop fitted with ventilation system fan

"I Am A Safe Worker... .......... Nobody Gets Hurt"
SOHELP: Noise Improvement Level 5

BEFORE

Blasting Pot at Blasting Chamber
Medium used: Garnet

AFTER

Newly installed Auto Blasting Machine at its dedicated chamber.
Medium used: Steelshot

"I Am A Safe Worker... Nobody Gets Hurt"
SOHELP: Ergonomic Improvement Level 5

BEFORE

Open Concept Work Station at Fab. Workshop without Working table

AFTER

Work Station with Working Table to provide ergonomics environment.

"I Am A Safe Worker... .......... Nobody Gets Hurt"
SOHELP: Ergonomic Improvement Level 5

**BEFORE**

- Tubular on wooden support with limited access

**AFTER**

- Tubular on rotating rotor for easy access & handling

"I Am A Safe Worker... ........... Nobody Gets Hurt"
3. Other Initiatives

➢ Incorporate SOHELP Initiative in HSE Induction Package for Staffs, Subcontractors, Vendors & suppliers,

➢ Sent Medic to attend NIOSH OHN training

➢ Include SOHELP subject in overall OSH Incentive Programs.

➢ Maintain SOHELP Team after DOSH SOHELP Program

➢ Identify & display signage related to SOHELP matters
4. Overall Overview on SOHELP

➢ SOHELP initiatives introduced by DOSH is appropriate and timely to improve safety & health the working environment within the selected industries.

➢ Overall performance had shown improvement on SOHELP related initiatives namely Chemical, Noise & Ergonomics.

➢ The performance level achieved during the period is clear indication or evidence that there is achievement from Level 1 to level 5 for all the 3 initiatives.

"I Am A Safe Worker... .......... Nobody Gets Hurt"
5. Recommendations to Improve SOHELP in the future

➢ SOHELP Initiatives can still be pursued further by other industry players.
➢ Other initiative(s) can be further identified and included in the program.
➢ Procedures related to SOHELP Initiatives to be properly documented for implementation, monitoring and reporting.
➢ Internal Assessment shall be conducted by participating SOHELP Team.
➢ Include OD & OP as OSH Indicator before & after SOHELP.
6. Other SOHELP matters

Other SOHELP matters may include:-

- Work place cleanliness
- Work place housekeeping
- SOHELP Team(s) for different location, if required.

Note

1. Cleanliness & good housekeeping at place of work should be made a prerequisite to successful OSH programs which include applicable SOHELP initiatives.
## Checkpoint Summary Update

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<th>Categories</th>
<th>Level 1</th>
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<td>7/7</td>
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<td>5/5</td>
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<td>Achieved</td>
</tr>
</tbody>
</table>
7. Conclusion

➢ SOHELP initiatives adopted & implemented had shown positive performance and should be pursued to maintain and sustain performances within the industries concerned.

➢ SOHELP could be used for bench marking amongst the industry players.

➢ SHOHELP could contribute to the LTI Free HSE Target

➢ SOHELP is one of the ways towards achieving OSH MP2020.

"I Am A Safe Worker... ........... Nobody Gets Hurt"
Acknowledgement

I, on behalf of Brooke Dockyard wish to record our thanks and appreciation to DOSH Sarawak & DOSH HQ for giving us the opportunity to participate in SOHELP 2016 & SOHELP Convention 2017.