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|------------------------------------|-------------------------------------|---|-----|-----|-----|
| Title | Risk Assessment Exercise | | | | |
| Target Population | Field Engineers & Field Specialists | | | | |
| This requirement is applicable to: | ✓ JFE | ✓ | FST | EO1 | |
| | ✓ FE1 | ✓ | FS1 | EO1 | |
| | ✓ FE2 | ✓ | FS2 | EO2 | |
| | | ✓ | FS3 | EO3 | |
| | | | | ✓ | GEO |

Objective:

The objective of this task is to train the employees on how to apply the principles of Risk Management to an actual operational risk situation in CT operations.

Tasks:

- Identify operational risks in a job at location
- Write a risk management plan to safely operate in the face of the identified risk
- Gain an expert comment on the risk whenever required and obtain the appropriate management approval to perform the job.

Please attach a risk management plan as an evidence.

Note:

- Exemptions are exclusively used to obtain "permission" for operations that violated the conditions of safety standard.
- Exemptions are required to be created, documented and communicated across the team to increase awareness on that particular risks.

REQUIRED EVIDENCE:**1 Risk Management Plan**

| OVERALL SCORE | STRONG | | | ADEQUATE | | | IMPROVEMENT NEEDED | | |
|---------------|--------|---|---|----------|---|---|--------------------|---|---|
| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |

MENTOR / ASSESSOR's Comments & Recommendation:

Able to start & able to supervise CTU operation.

| | | | |
|-----------|----------------------|-----------------|------------------|
| Signature | | Assessment Date | 6-7-2024 |
| Name | MD TAUFIQ B/M ISMAIL | Position | FIELD SPECIALIST |

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FSM / OM Comments & Recommendation:

Able to apply principle of Risk Management during operation

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|-----------|---|-----------------|---------|
| Signature |  | Assessment Date | 11/8/24 |
| Name | Mohd Syairul Pithwan Amdan | Position | FSM |

HAZID WORKSHEET

| | | | |
|-------------|---------------------------|----------|---|
| Facility | ANGSI-E | Activity | To start up and run diesel engine for pump unit and air compressor |
| Review Date | 13/12/2023 | Purpose | To access potential risk on conducting hot work activities as safe zone |
| HAZID | PUMP SPV - FIRMAN LAKSANA | | |
| Team: | PUMP OPT - UFIZAAL | | |

Background:

To startup and run hydraulic pump unit.

Unit will be operated to pumping chemical in to well.

RA is conducted to evaluate and provide additional safety measure towards personnel and equipment during hot work activities.

Category: Facilities Hazards (Fire and Explosion Hazards)

| Ref No | GUIDEWORD | HAZARDS/ EXPANDERS | CAUSES | CONSEQUENCES | EXISTING SAFEGUARD, IF ANY | INHERENT/ INITIAL RISK | RECOMMENDED SAFEGUARD | RESIDUAL/ FINAL RISK | ACTION PARTY | TARGET DATE |
|--------|--|--|---|---|---|--|--|---------------------------------------|---------------|-------------|
| 1 | Ignition spark and flame at Power Diesel Engine and exhaust system | Engine was caught on fire and spread to cabin unit | Unavailability of spark arrestor for internal combustion engine | -Damaged the equipment and cause injury / fatality to personnel -Affect the platform, operation, HSE and production | -Spark and arrestor installed -ESD system functioning and easy to access -Fire extinguisher (2 units) | P - B3 E - N/A A - B3 R - B2 | .Check condition of spark and flame arrestor. .Standby the fire extinguisher .Check the functionality of ESD .Check the fuel hose / connection. -Prepare the escape route & plan and medical response/ treatment | P - B2 E - N/A A - B2 R - B1 | DIMENSION BID | Continuous |
| 2 | Top up diesel into equipment | -Fire and explosion -Fuel hose / connection leakage -Electrostatic discharge | -Property damage / fatality -Earthling wire is connected to metal point. | -Appointed standby person to fill up daily checklist to operate portable machine and upload in e-PTW on daily basis. -Apply buddy system while refueling. -Ensure engine stop prior refueling. -Perform housekeeping after refueling | P - B3 E - N/A A - B3 R - N/A | P - B1 E - N/A A - B2 R - N/A | DIMENSION BID | Continuous | | |

Prepared By (HAZID Leader):

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|  Firman. | Endorsed & Approved By: (OS) |
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Mohd Badruzzaman b Asmali
Executive (CMPE Supervisor) - Angel
Peninsular Technical Services (PTS)
Peninsular Malaysia Assets (PMA/PCS)