USE OF EMERGENCY ESCAPE HOODS-GPU FACILITY STANDING INSTRUCTION

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1. GENERAL INFORMATION

1.1 PROMAN ENERGY

Proman Energy is an energy company focused on meeting the energy needs of Trinidad and Tobago. Proman Energy is the owner of Block 1(a) located offshore in the west coast of Trinidad. Proman Energy currently produces natural gas from the Iguana and Zandolie fields in Block 1(a) with two (2) unmanned platforms and a 45km pipeline to Proman Energy's Gas Processing Unit which is located onshore.

2. PURPOSE

The purpose of this standing instruction is to ensure that Emergency Escape Hoods (EEHs) are readily accessible and in the possession of all personnel – employees, contractor and visitors at all times while working at or visiting the Gas Processing Unit (GPU) in order to protect against exposure to hazardous atmospheres resulting from a major potential ammonia release from the neighbouring facility.

2.1 EFFECTIVE DATE

This Standing Instructions (SI) will take effect from 1st December 2025 and must be adhered to by all individuals required to be onsite at Proman Energy GPU facility.

3. BACKGROUND

Proman Energy's Gas Processing Unit is situated within the Point Lisas Industrial Estate, adjacent to the Point Lisas Nitrogen Limited (PLNL) ammonia production facility. This proximity exposes the GPU to potential impact from a major ammonia release originating on the PLNL facility and necessitates stringent controls on the GPU to protect all site personnel from potential exposure to the hazardous material.

As an initial response mechanism that allows personnel sufficient time to get to a safe location, Proman Energy has included as a site safety requirement for all personnel on the GPU to always have an Emergency Escape Hood (EEH) in their position once onsite. This plays a vital role in safeguarding personnel in the event of a major release that can potentially impact the GPU. The emergency escape hoods are designed to provide immediate protection against toxic gases, for a fifteen (15) minutes duration, allowing individuals to evacuate to a safe location in the event of an ammonia release.

4. ISSUANCE AND ACCESSIBILITY

All employees and visitors at Proman Energy are required to have an emergency escape hood in their possession at all times while onsite.

4.1 EMPLOYEES WORKING ON THE GPU

1. Each GPU assigned employee will be issued a dedicated emergency escape hood.
2. Employees must sign upon receiving the hood and are responsible for its safekeeping.
3. Emergency escape hoods must be brought to site daily, treated as essential PPE and inspected regularly.
4. Any loss, theft, or damage must be reported immediately to the HSSE department.

4.2 VISITNG PERSONNEL AND NON-ASSIGNED STAFF

1. Emergency escape hoods for visitors and non-assigned personnel will be available at the GPU Security Gate House.
2. Security will issue hoods upon sign-in and collect them at sign-out.
3. A logbook will be maintained to records issuance and return.
4. All users are responsible for ensuring that the EEHs are not tampered with, damaged or misused.

5. CARRYING ESCAPE HOODS WHILE ONSITE

All personnel must always carry their assigned emergency escape hood with them while on the GPU facility, including both process and non-process areas.

Emergencies can occur without warning, and immediate access to the escape hood is critical for personal safety during a hazardous event. Leaving the hood at a desk or in a locker while moving through the plant is **not permitted.**

Failure to carry the escape hood is a non-compliance with site safety protocols and will compromise individual safety during an evacuation. Failure to comply with the requirements outlined in this SI will result in disciplinary action which may include personnel being removed from the site.

6. CRITERIA FOR DONNING EMERGENCY ESCAPE HOODS (EEHS)

This protocol outlines the immediate actions and evacuation procedures for ALL personnel on the GPU facility, in the event of an ammonia release from the neighbouring facility, that spreads to the GPU.

Personnel shall immediately don their emergency escape hoods under the following conditions:

1. A confirmed ammonia release from PLNL's facility that has been assessed as an impact to the GPU facility.
2. Activation of ammonia detector at the GPU fence line, indicating 25ppm (low alarm) or increasing values.
3. Personnel detect a strong ammonia odour, characterized by a sharp, irritating smell.
4. Directed by control room or HSSE personnel to evacuate using emergency escape hoods.
5. On activation of the plant general alarm and announcement indicating threat.

6.1 NOTIFICATION PROCESS

1. Proman Energy Control Room will be informed by PLNL or will contact PLNL's control room for confirmation of the emergency.
2. Ammonia detectors along the eastern fence line of the GPU facility will alert Control Room personnel upon detection of >25ppm.
3. The GPU is equipped with a fixed ammonia detector on the external southern side of the Control building, which will activate on a concentration of 25ppm both on the physical device and on the Distributed Control System (DCS).
4. Upon confirmation of a release, an announcement will be made over GPU's Public Address (PA) system followed by the general alarm.

6.2 EVACUATION PROCESS

1. All personnel shall don their Parat C escape hoods immediately.
2. Proceed to the GPU Control Building and await further instructions.

See appendix for map.

7. TRAINING AND FAMILIARIZATION

To ensure proper use and response during an emergency, all employees and regular contractors are required to undergo training and familiarization on the use of the emergency escape hood which will be led by the HSSE department.

7.1 TRAINING REQUIRMENTS

INITIAL TRAINING

All new personnel must complete escape hood training as part of their site induction.

REFRESHER TRAINING

Refresher sessions will be conducted annually or as needed, particularly after any significant update to procedures or equipment.

VISITORS

Visitors will receive a brief orientation at the "security booth" upon sign-in, which includes basic instructions on donning and using the escape hood in case of emergency.

8. MAINTENANCE AND INSPECTION

To ensure the reliability and functionality of emergency escape hoods, regular inspection and maintenance procedures are in place.

1. **ROUTINE INSPECTIONS** – All potential users are responsible for visually inspecting their hood to ensure it is intact, sealed, and free from visible damage. If any defect or concern is identified, the hood must not be used and should be reported for replacement. Routine checks to ensure:

    a. Seal integrity (tamper-proof seal intact)
    b. Packaging undamaged and clean
    c. Expiry date clearly visible and valid
    d. No signs of moisture, dirt, or corrosion
    e. Labelling legible and in place
2. **DAILY INSPECTION** - Escape hoods must be inspected daily prior to use, in the same manner as other personal protective equipment.

3. **MONTHLY INSPECTION** - A comprehensive inspection must be carried out monthly using the Parat C Escape Hood Inspection Checklist. This ensures the unit remains in a ready-to-use condition and compliant with manufacturer and site safety requirements.

4. **BI-ANNUAL INSPECTION** – The HSSE Department will schedule bi-annual inspections. At this time, all users will be asked to return their unit for inspection. Upon successful inspection, each hood shall be tagged with a color-coded sticker in line with the STOW-TT (Safety to Work in Trinidad and Tobago colour coding system.

See appendices for Emergency Escape Hood Checklist

5. Maintenance and Replacement

    a. Expiration - Escape hoods/filters must be replaced prior to the manufacturer's expiry date.

    b. Damage or Use - If a hood is damaged or used (even partially), it must be removed from service immediately and reported to the HSSE department, Senior Production Supervisor or department lead for replacement.

6. Storage Conditions - Hoods must be stored in clean, dry areas at room temperature, away from direct sunlight and chemical exposure.

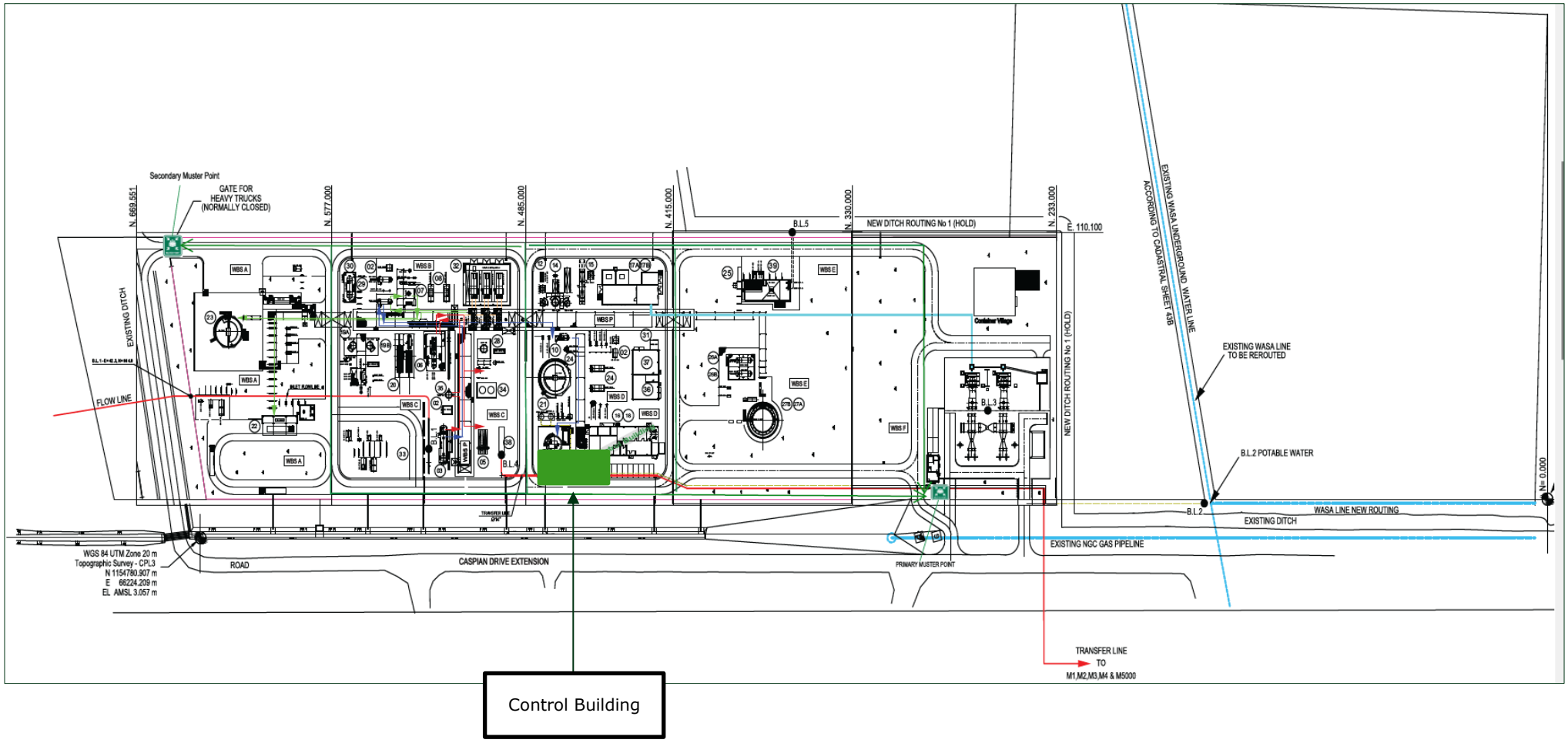
All inspections, replacements, and reported issues must be logged in the Escape Hood Maintenance Log, maintained by the HSSE department.

9. AFFECTED DOCUMENT

The contents of this Standing Instructions shall be included to the revised GPU Emergency Response Plan.

10. APPENDICES

10.1 GPU SITE LAYOUT



10.2 EMERGENCY ESCAPE HOOD INSPECTION CHECKLIST

PARAT C ESCAPE HOOD INSPECTION CHECKLIST			
Date of Inspection:			
Inspected by:			
Escape hood serial number:			
Model:			
CHECKS	**Pass**	**Fail**	**Notes**
Inspect for cracks, deformation, punctures			
Ensure original seal is unbroken			
Expiry date not passed			
Is it stored in a dry accessible and clean location, away from heat and chemicals			
Carrying case and or strap condition			
No signs of contamination - dirt, dust, chemicals, or moisture			
Pass	Return to service		
Minor Issue	Schedule for re-check or monitor		
Fail	Remove from service, report and replace		

10.3 EMERGENCY ESCAPE HOOD COMPONENTS

Training video for donning Parat C Escape hood.

https://www.safelincs.co.uk/videos/132/how-to-use-the-dr--ger-parat-escape-hood---hard-pack/


Dust and splash water protection
Protects from dust and splash water (IP54)
Protective seal
Shows that the packaging has not been opened
Opening flap
High visibility, arrow indicates opening direction
Optical control
Window allows to check the expiration date and the device condition
Filter sealing plug
When opened, the filter plug is automatically released from the filter
QR code
Provides additional information on the Dräger website
Pictograms
Indicate the field of application, approval and donning of the hood
Dräger
PARAT 4730