

HyNet Hydrogen Production Plant 1 – Technical Note

EPR RESPONSE – 13b – Secondary Containment – Double Skinned Tanks

Summary

Background

Double skinned tanks for secondary containment have been specified for the Emergency Diesel Generator Tank and Liquid Oxygen Tank which is part of the Air Separation Unit. At present these have not been specified with interstitial leak detection.

Response

Summary

The comment applies to the Project Datasheet for the Emergency Generator Package (Document Number. 5194812-000-45ED-4-0002), Duty Specification Air Separation Unit (Document Number, 5194812-000-49ES-4-0001) and Technical Note – Secondary Containment. These do not specify interstitial leak detection.

Updates to Design

The Project Datasheet for Emergency Generator Package and Technical Note for Secondary Containment have been marked up ready for the next issue to request interstitial leak detection.

Updates are required to the project datasheet (Document No. 5194812-000-45ED-4-0002) as follows:

MODIFY, Page 3, Line 46: Remarks: One double walled day tank with interstitial leak detection required will fill connection at 1m above grade for filling via standard UK road tanker.

Updates are required to the Technical Note – Secondary Containment as follows:

MODIFY Page 4: Table updated to show secondary containment leak detection required.

These are shown as red line markups in Attachment 1 and 2.

ATTACHMENT 1: Project Datasheet Red Line Mark-Up

(Datasheet No. 5194812-000-45ED-4-0002)

ATTACHMENT 2: Technical Note Red Line Mark-Up

(Technical Note – Secondary Containment)