|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PIPELINE | **Shore Approach - OCS1** | | | | | **UNPIG** |
| **Startup year** | | TEST1 | | **Design Pressure** | | TEST1 |
| **Station** | | TEST1 | | **MAOP (PSI)** | | TEST1 |
| **Length (KM)** | | TEST1 | |  | |  |
| **Wall Thickness (inches)** | | TEST1 | |  | |  |
| **Material Spec.** | | TEST1 | | **Design Life** | | TEST1 |
| **External Coating** | | TEST1 | | **Cathodic Protection** | | TEST1 |
| **PIPELINE OPERATING DATA** | | | | | | |
| **Operating pressure (psig)** | | | **Operating Temperature (oC)** | | **Gas Flow rate (MMSCFD)** | |
| TEST1 | | | TEST1 | | TEST1 | |

|  |  |  |
| --- | --- | --- |
| External Corrosion Risk Assessment | | |
| **Summary result** | Low Risk | High Risk |
| CP level | No. of Stray current point |  |
| Within criteria | 0 |  |
| Under criteria | 0-5 |  |
|  | >5 |  |
|  | Unknown |  |
| Coating defect survey | | |
| No coating defect | | |
| Minor (Category 1: 1% < IR < 15%) | | |
| Moderate (Category 2: 16% < IR < 35%) | | |
| Major (Category 3: 36% < IR < 60%)) | | |
| Severe (Category 4: 61% < IR < 100%) | | |
| Unknown | | |
| AC interference | | |
| No AC power line is within 1,000 ft of the pipeline | | |
| AC power line is nearby but preventive measures are taken | | |
| AC power line is nearby, no preventive action | | |
| Unknown | | |
| *Detail:* | | |
|  | | |

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| Internal Corrosion Risk Assessment | | |
| **Summary result** | Low Risk | High Risk |
| Water content monitor | Dew Point Upset |  |
| < 7 Ib/MMscfd | Min Operating Temperature > Dew Point | |
| > 7 Ib/MMscfd | Min Operating Temperature < Dew Point (≤ 7 days per year) | |
|  | Min Operating Temperature < Dew Point (≤ 30 days per year) | |
|  | Min Operating Temperature < Dew Point (> 30 days per year) | |
| CO2 content | H2S content |  |
| CO2 %mol <=2 | Partial pressure H2S <= 0.05 |  |
| CO2 %mol >2 | Partial pressure H2S > 0.05 |  |
| *Detail:* | | |
|  | | |
| Mechanical damage / Third party interference | | |
| **Summary result** | Low Risk | High Risk |
| Concrete coating damage | Activity Level |  |
| Yes | High activity level |  |
| No | Medium activity level |  |
|  | Low activity level |  |
| *Detail:*   * + ไม่พบ Mechanical damage | | |

|  |  |  |
| --- | --- | --- |
| Loss of ground support | | |
| **Summary result** | No | Yes |
| Exposed pipeline section |  |  |
| All buried |  |  |
| Some Areas Exposed |  |  |
| Many Areas Exposed |  |  |
| All Areas Exposed |  |  |
| **Detail:** | | |

|  |  |  |
| --- | --- | --- |
| **Pipeline Repair History** | | |
| **Summary result** | No | Yes, see more in detail |
| **Detail:**   * N/A | | |

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| Recommendation |
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