# RE Program Assessment

|  |
| --- |
| Respond to each comment with a "1" (yes) or "0" (no) to reflect the plant's current practices |
| **#** | **Questions** | **Score** | **Comments** |
| 1 | The Reliability Engineering function reports directly to the Plant Manager and functions as his or her reliability advisor. |  |   |
| 2 | Reliability Engineers are assigned to strategic issues, such as risk management, and not distracted by tactical issues that do not directly impact plant performance. |  |   |
| 3 | Asset Criticality has been accurately established and there is a standard work process to ensure asset criticality is always accurate and correct. |  |   |
| 4 | Failure modes and effects for all critical plant assets are known and are regularly validated. |  |   |
| 5 | An Asset Management Plan (including a maintenance, operations and risk plan) exists and is current for all plant assets, including utilities and auxiliary equipment. |  |   |
| 6 | Reliability Engineering leads root-cause analysis activities, as needed, to resolve or prevent deviations from best total cost of ownership. |  |   |
| 7 | Reliability Engineering periodically evaluates standard work procedures for all areas and functions of the plant to ensure they effectively support company reliability and performance goals. |  |   |
| 8 | Reliability Engineering identifies the potential for cost reduction through extended parts life, reduced labor cost, and spare parts related improvement techniques. |  |   |
| 9 | Breakdown, downtime, and/or equipment/asset availability performance reports are regularly reviewed to identify broad areas requiring reliability engineering attention. |  |   |
| # | PM/PdM frequencies are periodically compared to equipment histories to identify deficiencies in PM tasks or intervals where frequencies require adjustment --up or down. |  |   |
| **Score** |  |
|  | ***Key****:*  |  |  |
|  | Reactive = 3 or below |  |  |
|  | Emerging = 4-5 |  |  |
|  | Proactive = 6-7 |  |  |
|  | Excellent = 8-10 |  |  |