

B-R Powergen Ltd

Kodda 150MW D/F Power Plant

Kodda, Gazipur


Regarding the Implementation of the “High Temperature Cooling Water (HTCW) Waste Prevention and Chemical Cost Reduction” initiative.





Date: 02.05.2023

Introduction: Kodda 150 MW Power Plant has 09 nos Engine. Each Engine have HT cooling Water Capacity 15 Ton & jacket water capacity 1700 ltr. In working time HT cooling water loss almost 240 Ltr.

Details of the Project: In this project we make a modified line which need of materials per Engine 03 flexible hose, 01 MS Pipe, 01 SS ball valve, 01 MS Tee, Nipple etc. Whenever we out of HT Cooling Water in maintenance purpose then jacket water gone to the W.M.T. (Water Maintenance Tank) through the modified line.

List of Equipment to implement this Project:

| Name of Equipment | Quantity | | Picture |
|--------------------------|-----------------|--|--|
| MS Pipe | 09 | |  |

| | | | |
|-----------------------------|-----------|--|--|
| SS flexible Hose | 27 | |  |
| MS Tee | 09 | |  |
| SS Ball Valve | 09 | |  |
| Nipple | 54 | |  |

Conclusion: This Projects through save of huge water, chemical, Environment, time & cleaning cost. Finally benefited of our Company (B-R Powergen Ltd)