
The Perfect Seal and Services Co., Ltd.

PSS SUPPORT

PTT HIPPS PROJECT

— WITH PERAR VALVES —

PSS was recently awarded the 42" ball valve package to be used in PTT's 36" HIPPS Project in Rayong. The package comprises of more than 20 valves - HOV, MOV, and manual. This is PTT's second HIPPS project and PSS is fortunate to have participated on both projects.



HIPPS (High Integrity Pressure Protection System) is used increasingly in recent years for pressure protection in the oil and gas industry where process facilities are often subjected to erratic fluctuations in pressure and flow trends. Previously the design philosophy involved designing fully-rated conditions (1500#, 900#, etc.) depending on the operating pressures and temperatures. However such methods would unnecessarily increase project costs and affect installation foot print due to oversized pipelines, valves, pressure relief valves and flaring systems which are not environmentally friendly solutions.

Now with HIPPS, such oversizing of piping systems and losses due to flaring can be eliminated. However the ball valves provided for this system need to have a proven record with HIPPS. Our partner company Perar has been a manufacturer of such valves out to Italy for the past 40 years and has extensive experience with HIPPS.

PSS is very pleased to support PTT and the industrial sector in Thailand with such projects which provide a better safety and environmental friendly solution, while also optimizing the life of customer assets.

