

SUCCESS STORY

MAJOR OVERHAUL - HYPER AND PROCESS GAS COMPRESSOR

CASE NO.85

APPLICATION DESCRIPTION

Overhaul of other brand booster/primary and secondary compressor

Type	Other brand booster/primary and hyper/secondary compressor	Gas	Ethylene
Power	5'000 kW / 6'700 hp	Suction pressure Discharge pressure	230 barg / 3'330 psia 2'550 barg/ 37'000 psia
Speed	211 rpm	Lubrication	Forced lubrication to cylinder

CUSTOMER ISSUE/NEEDS

- Supervision of overhaul for booster/primary and hyper/secondary compressors for LDPE, commissioned in 1975
- Refurbishment of the main drives
- Local references and language (Spanish) to be respected

BURCKHARDT COMPRESSION SOLUTION

- Analysis of the state of the booster/primary and hyper/secondary compressors
- Detailed resource planning for efficient execution and on time finalization of the overhaul
- Comprehensive know-how and experience provided from the market leader in LDPE compressor design
- Professional supervision leading the maintenance team regarding spare parts refurbishing, replacement and re-commissioning of compressors

CUSTOMER BENEFITS

- Professional overall planning and manpower allocation for the overhaul activities.
- Project planning and execution respecting the local language and culture
- Efficient execution and on time finalization of the overhaul for dependable continuation of the plant production.
- Successful re-start of the LDPE production line



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