

# **Asset Preservation and Mothballing Process Plants**

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The presentation will address some of the challenges, based on first hand experience, that have to be addressed for cost effective Asset Preservation and re-commissioning.

Facilities are often idled as a result of tough economic times resulting in minimum funding for Asset Preservation. As economic conditions improve, asset owners make decisions to re-commission their facilities, only to discover the start-up costs are far more than anticipated because of equipment deterioration. In some cases recommissioning may not be feasible as a result of high cost and equipment procurement lead times. Although preservation costs could be substantial, they are only a fraction of asset replacement.

Economic considerations, budgeting, planning, staffing, regulatory requirements, condition monitoring, equipment history and documentation are just as important for an idle facility, as for an operating facility.

The probability of recommissioning a well preserved asset is far greater than for recommissioning a deteriorated asset.

The paper addresses some of the challenges and deterioration modes experienced in recommissioning two idled facilities.