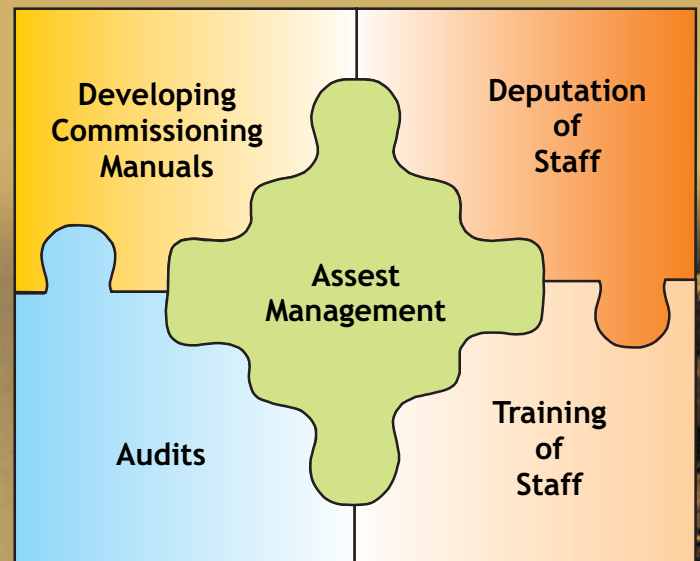


COMMISSIONING SERVICES FOR OIL & GAS INDUSTRY

Competitive Edge of SAGA

- Rich experience in handling Commissioning Services
- Adoption of latest tools and techniques
- Dedicated team of specialists, who can be deputed

Our Services



DEVELOPING 'COMMISSIONING MANUALS'

- ✦ Study, analyze and comment on engineering documents
- ✦ Preparing Commissioning Plans and Procedures
- ✦ Establish commissioning checklists
- ✦ Formulate a seamless start-up sequence
- ✦ Compile and Update O & M Manuals, Operating Procedures, Quality and Safety Documentation, Flow Sheets, P & IDs etc.



DEPUTATION OF STAFF

- ✦ Our experienced experts can help the clients by advising on the execution of Commissioning activities.
- ✦ We provide specialists from various engineering disciplines for crucial roles, including:
 - Commissioning Manager
 - Commissioning Engineers/ Operators/ Technicians
 - Safety Specialists
 - Inspection Specialists



TRAINING OF STAFF

- ✦ Conducting training programs for 'Commissioning Staff'
- ✦ Conducting training program on 'Engineering Asset Management'
- ✦ Conducting Technical Training programs on plant operations for the client and also to the contractor before handing over the assets.



AUDITS



- ✦ Pre-commissioning Audit
- ✦ Safety Audit
- ✦ Quality Procedures Assessment, Audit and Redefinition
- ✦ Operation Audits on Plant Stabilization
- ✦ Maintenance Procedures Assessment – Audit and Advice

ASSET MANAGEMENT

- ✦ Integrity of Systems
- ✦ Residual Life Assessment Study



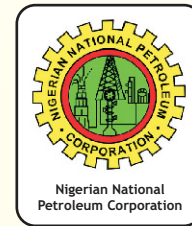
PUBLICATIONS :

We have developed unique and innovative publications in the following categories:

- ✦ Refinery Technical Programs
- ✦ Upstream Technical Programs
- ✦ Cross Country Pipeline Manuals
- ✦ POL & Terminal Operation

52+
TITLES

OUR CLIENTS



ABOUT THE SAGA GLOBAL CONSULTANTS

SAGA Global Consultants offers Training, Consultancy and Services to the Oil & Gas Industry

Projects to Mention:

- ✦ Development of Commissioning Manuals of Kashagan Field Development
- ✦ Pre-Commissioning Audit for Gas Gathering Plant in Nigeria
- ✦ Commissioning team for IRP Project, Abu Dhabi
- ✦ Updation of O&M Manuals for PHRC (NNPC) Refinery, Nigeria
- ✦ Maintenance Management for KRPC (NNPC) Refinery, Nigeria
- ✦ Creating of Customized Safety Manuals for Hindustan Petroleum, Mumbai
- ✦ Feasibility Report of setting up of a 100,000 BPD Refinery
- ✦ Creation of Operating Manuals for LPG plant in Oman
- ✦ Training for Refinery staff in Middle East
- ✦ Implementation of KM Portal for Refinery



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