

SCR HOUSES

DELIVERING CUSTOMIZED TURNKEY SOLUTIONS FOR YOUR POWER REQUIREMENTS

The Silicon Controlled Rectifier (SCR) House or System is one of the key setups on a Rig / facility irrespective of if it is a Floater or Onshore Rig. SMEC has been instrumental in giving support for New / Retrofit / Replacement of SCR House / SCR System for various customers in Oil & Gas Industry. Functional components such as motor control centers, engine & generator controls, SCR control cubicles and other instruments that support the system are present in SCR House / System. The system operates within the range of 600 V to 1200 V DC. State-of-the-art control systems developed by us are based on the established and well proven technology and designs with respect to modern hybrid / digital technology.



WHY SMEC?

Features:

- Cost effective solutions custom made to meet your requirements
- Integrate multiple systems as per your choice
- Modern Digital Design
- Swift generator controls with automatic operations and load sharing
- Efficient Energy consumption due to high power
- Precise speed regulation over a wider speed range
- Full torque at zero speed
- Regenerative braking for safe and efficient control of drawworks.
- For construction of walls, ceilings and under skid we have various materials and combinations to choose from to meet site requirements
- Different mounts for transportation
- Easy to assemble and start operation.
- Perfect HVAC systems to manage heat load
- Retractable entries and openings as per size and requirement
- Safety and security features for secure operation
- Starter panels, MCC panels, diodes, power management units etc. up to any rating as per the safety standards