

Drawing and Drafting Facility for Nuclear Recycle Group

Preparation of Engineering Drawings of various types is an inalienable part of an Engineering Facility and plays a very important role from conceptual to commissioning stage. The capability of Design Engineer and Draftsman is gauged by the quality of Drawings they finally churn out. The responsibility of upkeepment of Drawing and Drafting Facility catering to various projects/programs of NRG has been entrusted to Technology Development Division (TDD). This Drawing Office has evolved from manually drafting Drawings on Tracings to CAD assisted one long back.

It has well equipped Drawing office for preparation of all types of engineering drawings for different projects/programmes undertaken by Nuclear Recycle Group. Various types of drawings pertaining to civil, mechanical, chemical, electrical, C & I etc. are prepared. 3-D models are also generated for specific work requirements. Drawing preparation work is carried by well qualified departmental and outsourced draftsmen.

The facility has drawing room and copier room to facilitate drafting and printing work. Drawing office has seven work stations for carrying out drawing preparation work. Copier room has A0 size plotters and A3 size copiers for taking drawing and document prints. All the computers of the work station, Plotters and copiers are connected through local area network. It also has Record Room where all the approved drawing tracings of various projects/plant are stored properly in steel cabinets. These tracings are also scanned and made available in soft form for the Engineers as per requirement pertaining to NRG Facilities as well as NRB Facilities. All the data related to stored drawings are compiled with respective projects.

Division has now embarked upon up gradation of Drawing Office Premises to make it suitable for coming time to comply with Social Distances Norms, ease of working by ergonomically designing work places, UPS powered Computers and Fire compliant path ways. The computerization work deploying High End Servers, Work Stations and Storage media for keeping safe & secure back up of Drawings and it's retrieval over an

Independent LAN network has also been taken up. The use of large size Monitor for soft review of Drawings in a dedicated Drawing Review Room has been envisaged to eliminate frequent paper printing of drawings.



Inner Views of NRG Drawing and Drafting Facility

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