

## SSDF SKILLING INITIATIVE LAUNCHED IN TAMIL NADU – PLUMBER TRAINING FOR SAFER & SKILLED INFRASTRUCTURE WORKFORCE

The Safety Skill Development Foundation (SSDF) has launched a **Plumber Skill Upgradation Program** in Tamil Nadu, aimed at strengthening technical competency and workplace safety practices among plumbing workers. This programme is being conducted in collaboration with **Larsen & Toubro** and **NAC Andhra Pradesh** under the broader initiative to skill **5000 construction workers** across multiple trades.

The training enhances workers' capabilities in **water supply systems, sanitary installations, pipe jointing techniques, leak-proof system development, and safe handling of plumbing tools**, ensuring a dependable and professionally trained plumbing workforce

### Training Focus Areas

- Safe plumbing practices including PPE compliance, hazard prevention and tool safety
- Water supply system fundamentals: PVC, CPVC, GI and PPR pipes, routing, valves & flow control
- Pipe fittings and jointing techniques such as solvent cementing, threaded joints and compression fittings
- Installation of sanitary fixtures including wash basins, WCs, urinals, traps and floor drains
- Leak testing, flow direction checks, pressure issues and corrective actions
- Measurement accuracy, plumbing layout reading, symbols and marking for efficient installation

### Training Outcomes

- Competence in installing and maintaining complete water supply and sanitary systems
- Strong understanding of pipe fitting, jointing and leak-proof installation methods
- Enhanced troubleshooting skills for blockages, pressure issues and misalignments
- Improved workplace safety culture and disciplined tool-handling
- Increased employability across construction, maintenance and facility operations



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