

Manufacturing of Fishing Net

Name of Project	Facility for Manufacturing of Fishing Net
Project Location	Gelapukhuri, Tinsukia, Assam
Area Requirement	15,000-20,000 sq ft
Approx. Project cost	INR 60-80 lakh Machine Output : 150 Kg/hr
Project Scale	Production Capacity per day @ 100 Kg/hr, for 22 h, 2,200 Kg
Process	<p>Manufacturing Process</p> <p>The fishnet twine or yarn is available in bobbins. This yarn is loaded on to the creel stand of the fishnet machine. The same type of yarn is also filled into spool by means of spool winder machine. The filled spools are then loaded into the machine.</p> <p>Yarn on creel stand forms the warp.</p> <p>Yarn on the spool forms the weft.</p> <p>The fish net making machine knots these together and the net is produced. This is wound on to a roller. When net of predetermined length is produced it is cut. The net is then unwound from the roller. It is then checked for any breakage of yarn on a mending stand. Any breakage found is mended/ rectified by hand. The net is then washed in tank.</p> <p>It is then stretched lengthwise in a length stretching machine. Here the net is heated to about 120 to 150 0C and ironed to fix the knots. The net is then bundled on a bundling machine, weighted and then packed.</p>
Utilities	Power: 3-Phase 440V +10% , 50 Hz, 75 Hz Electricity (small) connected load : 2.2 KW Electricity (Large) connected load: 3.75 KW
Manpower Requirement	19 workers
Nodal Agency	Assam Industrial Development Corporation (AIDC)