

WORK INSTRUCTION FOR SCREEN MAKING PROCESS

SN.	Instructions
1	Clean the machines and surroundings before starting the job.
2	Clean the exposing machine, drying oven table, screen washing area and then put the mains "ON".
3	Get the screen schedule from the authority & collect all the inputs like positive, screen, emulsion one day before starting the job.
4	Verify the incoming positive as per the digital mock and do touch up if required.
5	Mix the emulsion with hardener as per standard formulation to make the coating emulsion.
6	Coat the screen from both side as per specified coating techniques and dry it in oven. While coating ensure that the white lights are off.
7	After drying, set the positive on screen as per defined machines printing width.
8	Stick the positive on the screen in emulsion to emulsion contact and expose it in exposing machine for 120 sec. Ensure that the light of exposing machine is fully illuminated and vacuum is on during the exposing process.
9	Wash the exposed screen in heavy forced water to remove unexposed area and the dry the screen.
10	Verify the screen with positive and do touch up with PVA if required.
11	Once the screen gets dried, apply the tape from the inner side of screen to use it again.
12	Verify the screen with authority and then only handover it for production. Ensure in process quality check at periodic intervals throughout the batch for each screen.
13	Repeat all the steps from SN 4 to SN 12 for multiple copies
14	Enter requisite details in log book.

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