

QUALIFICATIONS OF OPERATORSHIP FOR CARPET WEAVING MACHINE

| TASKS/ WORKS | SECTOR | | SCOPE | | | OCCUPATION | CODE | LEVEL |
|--|-----------------|--|--|--|--|---|------|-------|
| | CARPET BUSINESS | | CARPET PRODUCTION TECHNOLOGY | | | OPERATORSHIP FOR CARPET WEAVING MACHINE | | 4 |
| | QUALIFICATIONS | | OPERATIONS | | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 |
| PREPARATION OF PILE-YARN CREEL | 1 | Preparation of creel | Specifying the layout of yarn packages on creel | Determination of tension weights according to yarn package size and fiber type | Determination of residual package size for new yarn package placement on creel | Determination the positions of pile yarns on creel guide, reed, and separator | | |
| | 3 | Linking of creel to production line | Arrangement of yarn package pallets and boxes (cages) around the machine | Placement of yarn packages on creel | Passing the pile yarns through guide, reed, and separator | Fixing yarn breakage on creel | | |
| DOING THE SETTINGS OF CARPET WEAVING MACHINE | 5 | Adjustment of pile yarn height | Monitoring of pile yarn height | Setting of pile yarn height for two-rapier machines | Setting of pile yarn height for three-rapier machines | | | |

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| | 6 | ADJUSTMENT AND CHANGE OF KNIVES | Doing the settings of edge knives | Changing of edge knives | Adjustment of middle knife | Changing of middle knife | | |
| | 7 | YARN DENSITY AND TENSION SETTING | Changing of Lancet | Adjustment of pick density | Setting of binding and stuffer warp yarn tensions | | | |
| | 8 | ADJUSTMENT OF FRAMES | Adjustment of frame height through leg of the frame | Adjustment of frame height through linkage arm | Adjustment of frame stroke | | | |
| | 9 | JACQUARD SETTINGS | Overall jacquard level adjustment | Single-yarn jacquard level setting | | | | |
| CARPET PRODUCTION | 1 | Ground-warp beam change | Preparation of residual ground-warp beam for replacement | Upper ground-warp beam change | Lower ground-warp beam change | | | |
| | 2 | Warp-beam knotting | Warp beam knotting by hand | Warp beam knotting by machine | | | | |
| | 3 | Drawing-in of ground warps Zemin | Drawing-in of binding and stuffer yarns | Passing ground-yarns through jacquard wires | Passing ground-yarns through reed | Knotting of ground warp yarns to carpet | | |
| | 4 | Drawing of pile warp yarns | Running pile warp yarns through frames and jacquard | Running pile warp yarns through reed | | | | |

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| | 5 | Placement of drop wires | Placement of drop wires for ground warp yarns | Placement of drop wires for pile warp yarns | | | | |
| | 6 | Running of carpet weaving machine | Passing pick yarn through guides and yarn regulator | Controlling of shedding height | Controlling of jacquard color layout and ground weave pattern | Running of machine | Removing woven carpet from machine | |
| | 8 | Carpet production calculation | Calculation the amount of raw material | Production calculation | | | | |
| | 9 | Weaving of looped carpet | Selection of lancet appropriate to loop length | Placement of loop lancet | Creating selvedge weave for picks to support loops | Drawing picks to support loop yarn | | |
| FAULT INSPECTION AND REPAIR FOR CARPETS | 1 | Specifying the reasons for low machine efficiency | Specifying lower machine efficiency reasons arising from yarn | Specifying lower machine efficiency reasons arising from machine | | | | |
| | 2 | Specifying the reasons of stoppages arising from warp yarn | Inspection and repair of pile yarn breakage detected by drop wire | Inspection and repair of pile yarn breakage undetected by drop wire | Inspection and repair of cross yarn fault (bombe) | | | |

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| | 3 | Inspection of stoppages arising from pick yarn | Specifying pick yarn regulator breakdown | Monitoring pick yarn package | Locating pick yarn breakage while machine is manually running | | | |
| | 4 | Removing pick yarn entanglement | Starting from right weave pattern sequence once broken (entangled) pick was removed from shedding | Inspection and repair of wrong weave pattern sequence formed after removal of broken pick yarn | | | | |
| INSPECTION AND REPAIR OF CARPET FAULTS ARISING FROM YARN | 1 | Removing faults arising from pile yarn | Repair of pile collapse along a few pile yarns | Repair of overall pile collapse | Fixing of pileless area (cage fault) | Repair of pile collapse along a single pile yarn | Repair of discrete pile collapse along a single pile yarn | |
| | 3 | Removing carpet faults arising from barré fault | Sample weaving for barré fault detection | Inspection and repair of barré faults | Specifying and repairing of weave pattern faults | | | |
| INSPECTION AND REPAIR OF CARPET FAULTS ARISING FROM MACHINE | 1 | Inspection and repair of carpet faults arising from middle cut knife | Inspection and repair of faults arising from blunt knife | Specifying and repair of fault arising from improper cut of knife | | | | |
| | 2 | Inspection and repair of carpet faults arising from jacquard table | Removing level-raise fault on the back face of carpet | Removing point level-raise fault on the back face of carpet | | | | |

