

# SSLPR12 Team Leader – Beamhouse

## 1. Job role

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| TCF sub-sector                                                    | Leather Production                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Functional area                                                   | Leather Production                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Job role                                                          | SSLPR12 Team Leader – Beamhouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Job role description                                              | Supervises and coordinates early-stage hide preparation processes including soaking, liming, unhairing, fleshing, splitting, deliming, bating and pickling. Builds on advanced operator-level mechanical and chemical competence and adds frontline leadership, workflow coordination and quality accountability.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Performance expectations                                          | <ul style="list-style-type: none"> <li>• Coordinate daily beamhouse production schedules aligned with tanning demand</li> <li>• Allocate drum sequences, staffing and machine utilisation efficiently</li> <li>• Verify chemical formulations and dosing accuracy prior to batch commencement</li> <li>• Monitor drum rotation, float ratios, pH, temperature and processing time</li> <li>• Oversee fleshing and splitting throughput and blade calibration</li> <li>• Minimise grain damage, uneven fibre opening and rework</li> <li>• Reduce chemical waste and water use</li> <li>• Monitor WHS and chemical handling compliance</li> <li>• Maintain accurate digital batch and traceability records</li> <li>• Coordinate maintenance escalation and downtime response</li> </ul> |
| Specialisation                                                    | May specialise in drum scheduling and chemical sequencing control, automated dosing systems, fleshing and splitting optimisation, sustainable beamhouse systems or digital wet-end monitoring.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application in other Textile, Clothing and Footwear (TCF) sectors | Transferable to supervisory roles in textile wet processing, industrial batch-processing operations, technical textile chemical treatment facilities and fibre preparation environments requiring rotating vessels and chemical sequencing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## 2. Key tasks and critical work functions

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| Key tasks | <ul style="list-style-type: none"> <li>• Develop daily drum schedules for soaking, liming and pickling</li> <li>• Allocate operators to drum, fleshing and splitting stations</li> <li>• Confirm chemical charging and dosing system performance</li> <li>• Monitor in-process indicators via visual display units (VDUs)</li> <li>• Oversee blade calibration and mechanical safety procedures</li> <li>• Review batch documentation and coordinate hide transfer to tanning</li> <li>• Conduct safety inspections and toolbox talks</li> </ul> |
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|                         | <ul style="list-style-type: none"> <li>• Coordinate downtime management and maintenance reporting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |
| Critical work functions | <ul style="list-style-type: none"> <li>• Leadership of high-risk rotating drum and cutting machinery environments</li> <li>• Oversight of fibre preparation quality to prevent downstream defects</li> <li>• Control of chemical sequencing and process stability</li> <li>• Integration of beamhouse output with tanning schedules</li> <li>• Enforcement of WHS and environmental compliance</li> <li>• Supervision of water-use efficiency and effluent management practices</li> </ul> |

### 3. Technical skills

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| Drum process supervision           | Oversee rotation speed, load balance, cycle timing and safe loading procedures.            |
| Chemical sequencing oversight      | Validate formulation sheets and confirm dosing order and quantity.                         |
| Mechanical processing coordination | Supervise fleshing and splitting operations ensuring blade alignment and pressure control. |
| Digital process monitoring         | Interpret pH, temperature and process data from VDUs and control panels.                   |
| Maintenance coordination           | Identify mechanical irregularities and coordinate preventive or corrective maintenance.    |
| Quality assurance integration      | Monitor indicators of hide damage and implement corrective actions.                        |
| Environmental compliance oversight | Supervise chemical handling, waste disposal and water management compliance.               |

### 4. Generic Skills

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| Leadership             | Team leadership and workflow coordination.                    |
| Communication          | Clear communication between beamhouse and tanning teams.      |
| Problem solving        | Advanced problem-solving in chemical-mechanical environments. |
| Continuous improvement | Yield optimisation and resource efficiency mindset.           |
| Digital literacy       | Supervisory-level wet-processing systems.                     |
| Safety leadership      | Strong safety leadership in chemical-intensive environments.  |

### 5. Emerging skills

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| Emerging skills | <ul style="list-style-type: none"> <li>• Oversight of automated drum control systems with sensor-based monitoring</li> <li>• Integration of electronic work orders and ERP-linked wet-end scheduling</li> <li>• Use of VDUs to monitor cycle stability and throughput</li> <li>• Implementation of low-sulphide and enzyme-assisted processes</li> <li>• Supervision of automated chemical dosing systems</li> </ul> |
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|  | <ul style="list-style-type: none"> <li>• Adoption of water-reduction and effluent monitoring technologies</li> <li>• Integration of real-time process data into production decision-making</li> </ul> |
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## 6. VET Qualifications and Skill Sets

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| Entry-level preparation | MSTSS00010 Supervise Work in TCF Operations Skill Set or equivalent. |
| Advanced development    | No qualification.                                                    |

## 7. Job progression

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| Possible job progression | Senior Beamhouse Operator → Team Leader - Beamhouse → Production Supervisor → Operations Manager |
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## 8. Classification

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| Australian Qualifications Framework                            | AQF Level 3-4                                                              |
| Australian Bureau of Statistics (ABS) Skill Levels             | Skill Level 3                                                              |
| Open Source Classification of Occupations for Australia (OSCA) | Manufacturing Supervisor - Wet Processing / Industrial Production context. |



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