

## NATIONAL CERTIFICATE IN WOOD TECHNOLOGY: LUMBER MILLING (SAW DOCTORING) LEVEL 4

	<u>UNIT STANDARD TITLE</u>	<u>UNIT STANDARD NQF LEVEL</u>	<u>UNIT STANDARD CREDIT</u>	<u>UNIT STANDARD ID NUMBER</u>
	<b>FUNDAMENTAL</b>			
1	Engage in sustained oral communication and evaluate spoken texts	4	5	
2	Read, analyze and respond to a variety of texts	4	5	
3	Write for a wide range of contexts	4	5	
4	Use language and communication in occupational learning programmes	4	5	
5	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	4	6	9014
6	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life-related problems	4	6	9015
7	Measure, estimate and calculate physical quantities and explore, critique and prove geometrical relationships in two and three-dimensional space in the life and workplace of the adult with increasing responsibilities	4	4	9016
	<b>CORE</b>			
8	Demonstrate understanding of influence of wood structures, properties and production factors on wood quality	4	15	
9	Manage maintenance of all machines, tools and equipment used for saw and cutter maintenance in Lumber Mill	4	5	
10	Follow procedures to assist with optimizing machine productivity in Lumber Mill (machine = saw and cutter machines)	4	5	
11	Manage budgets of Saw Doctor Shop in Lumber Mill	4	5	
12	Manage production in relevant workplace (saw doctoring area) in Lumber Mill	4	15	
13	Manage workforce in relevant workplace (saw doctoring area) in Lumber Mill	4	15	
14	Manage safety, health and environmental protection in relevant workplace (saw doctoring area) in the Lumber Mill	4	15	
15	*Demonstrate understanding of relevant aspects of Labour Relations Act	4	1	
16	*Demonstrate understanding of relevant aspects of the Employment Equity Act	4	1	
17	*Demonstrate understanding of relevant aspects of the Basic Conditions of Employment Act	4	1	
18	*Demonstrate understanding of relevant aspects of environmental management	4	1	
19	*Demonstrate understanding of relevant aspects of quality assurance	4	1	
	<b>ELECTIVE (at least 15 credits)</b>			
20	Demonstrate understanding of relevant aspects of Lumber Milling mathematics and / or	4	15	
21	Manage production in green timber processing area and / or	4	15	
22	Demonstrate understanding of details of dry milling process and / or	4	20	
23	Manage production in lumber grading	4	15	

	and / or			
24	Manage production in dry mill	4	15	
	and / or			
25	Manage production in finger-jointing and laminating	4	15	
	and / or			
26	Demonstrate understanding of principles and application of productivity measures	4	20	

\* The Unit Standards for those marked with asterisks in the “Core” components of learning will have to be drawn from other organizing fields, or will have to be developed. They are not industry specific and have therefore not been developed by the Lumber Milling SGB.