

NATIONAL CERTIFICATE IN WOOD TECHNOLOGY: LUMBER MILLING (GREEN TIMBER PROCESSING) LEVEL 3

	<u>UNIT STANDARD TITLE</u>	<u>UNIT STANDARD NQF LEVEL</u>	<u>UNIT STANDARD CREDIT</u>	<u>UNIT STANDARD ID NUMBER</u>
	FUNDAMENTAL			
1	Accommodate audience and context needs in oral communication	3	5	
2	Interpret and use information from texts	3	5	
3	Write texts for a range of communicative contexts	3	5	
4	Use language and communication in occupational learning programmes	3	5	
5	Demonstrate understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	3	2	9010
6	Use mathematics to investigate and monitor the financial aspects of personal and business issues	3	5	9011
7	Investigate life and work related problems using data and probabilities	3	5	9012
8	Measure, estimate and calculate physical quantities and explore, describe and represent, interpret and justify geometrical relationships in two and three-dimensional space relevant to the life or workplace of the community	3	4	9013
	CORE			
9	Demonstrate understanding of structure of wood and how it relates to its appearance, strength and how it holds water	3	15	
10	Control basic maintenance and lubrication in green timber processing area in Lumber Mill	3	15	
11	Set up and operate log debarking facilities in green timber processing area of Lumber Mill	3	5	
12	Set up and operate log handling, sorting and storage facilities (log yard) in green timber processing area of Lumber Mill	3	5	
13	Set up and operate primary log breakdown facilities in green timber processing area of Lumber Mill	3	10	
14	Set up and operate secondary log breakdown facilities in green timber processing area of Lumber Mill	3	10	
15	Set up and operate green lumber edging facilities in green timber processing area of Lumber Mill	3	5	
16	Set up and operate green lumber edging / trimming facilities in green timber processing area of Lumber Mill	3	5	
17	Set up and control green chip production facilities in green timber processing area of Lumber Mill	3	5	
18	Level and tension frame saw blades used in Lumber Mill	3	10	
19	Hand frame saw blades and set up frame saw machine used in Lumber Mill	3	5	
20	*Demonstrate understanding of relevant aspects of the Labour Relations Act	3	1	
21	*Demonstrate understanding of relevant aspects of the Employment Equity Act	3	1	
22	*Demonstrate understanding of relevant aspects of the Skills Development Act	3	1	
23	*Demonstrate understanding of relevant aspects of the Basic Conditions of Employment Act	3	1	
24	*Demonstrate understanding of relevant aspects of computer literacy	3	1	
25	*Demonstrate understanding of relevant aspects of business principles	3	1	
26	*Demonstrate understanding of relevant principles of environmental management	3	1	
27	*Demonstrate understanding of relevant aspects of quality management	3	1	

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	ELECTIVE (at least 16 credits)			
28	Demonstrate understanding of relevant aspects of Lumber Milling mathematics and / or	3	16	
29	Control lumber grading and / or	3	20	
30	Set up and operate Dry Mill Conversion equipment and / or	3	20	
31	Produce finger-jointing and laminated lumber	3	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.