

NATIONAL CERTIFICATE IN WOOD TECHNOLOGY: LUMBER MILLING (DRY LUMBER 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	Control basic maintenance and lubrication in dry lumber processing area in Lumber Mill	3	15	
10	Demonstrate understanding of structure of wood and how it related to its appearance, strength and how it holds water	3	15	
	PLUS			
	Lumber Grading Option			
11	Control lumber grading in Lumber Mill	3	20	
12	Set up and operate conversion equipment used for recovering narrower and thinner products in dry mill of Lumber Mill	3	15	
13	Set up and operate conversion equipment used for recovering shorter length products in dry mill of Lumber Mill	3	15	
	OR / PLUS			
	Dry Lumber Conversion Option			
14	Set up and operate conversion equipment used for recovering narrower and thinner products in dry mill of Lumber Mill	3	15	
15	Set up and operate conversion equipment used for recovering shorter length products in dry mill of Lumber Mill	3	15	
16	Set up and operate conversion equipment used for surfacing and thicknessing products in dry mill of Lumber Mill	3	15	
17	Set up and operate conversion equipment used to profile cross section of products in dry mill of Lumber Mill	3	15	
	OR / PLUS			
	Finger-Jointing and Laminating Option			
18	Manage receipt, storage and mixing of glue components for finger-jointing and laminating in Lumber Mill	3	15	
19	Manage receipt and evaluation of lumber for finger-jointing and laminating in Lumber Mill	3	15	

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20	Produce finger-jointed lumber in Lumber Mill	3	10	
21	Produce laminated lumber in Lumber Mill	3	10	
22	Process finger-jointed and laminated lumber into products for the markets of Lumber Mill	3	8	
	PLUS			
23	*Demonstrate understanding of relevant aspects of the Labour Relations Act	3	1	
24	*Demonstrate understanding of relevant aspects of the Employment Equity Act	3	1	
25	*Demonstrate understanding of relevant aspects of the Skills Development Act	3	1	
26	*Demonstrate understanding of relevant aspects of the Basic Conditions of Employment Act	3	1	
27	*Demonstrate understanding of relevant aspects of computer literacy	3	1	
28	*Demonstrate understanding of relevant aspects of business principles	3	1	
29	*Demonstrate understanding of relevant aspects of environmental management	3	1	
30	*Demonstrate understanding of relevant aspects of quality management	3	1	
	ELECTIVE (AT LEAST 10 CREDITS)			
31	Demonstrate understanding of relevant aspects of Lumber Milling mathematics and / or	3	16	
32	Set up and operate primary log breakdown facilities in green timber processing area of Lumber Mill and / or	3	10	
33	Set up and operate secondary log breakdown facilities in green timber processing area of Lumber Mill and / or	3	10	
34	Control lumber grading (not for lumber grading option) and / or	3	20	
35	Set up and operate conversion equipment in dry mill (not for dry mill conversion option) and / or	3	20	
36	Produce finger-jointing lumber (not for finger-jointing and laminating option) and / or	3	10	
37	Produce laminated lumber (not for finger-jointing and laminating option)	3	10	

* 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.