

NATIONAL CERTIFICATE IN WOOD TECHNOLOGY: LUMBER MILLING (LUMBER DRYING) 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 the strength, appearance and water holding	3	15	
10	Demonstrate understanding of lumber drying kiln types	3	5	
11	Control kiln drying process	3	15	
12	Dry lumber in kiln applying schedule with all stages	3	20	
13	Control basic maintenance and lubrication	3	15	
14	*Demonstrate understanding of relevant aspects of the Labour Relations Act	3	1	
15	*Demonstrate understanding of relevant aspects of the Employment Equity Act	3	1	
16	*Demonstrate understanding of relevant aspects of the Skills Development Act	3	1	
17	*Demonstrate understanding of relevant aspects of the Basic Conditions of Employment Act	3	1	
18	*Demonstrate understanding of relevant aspects of compute literacy	3	1	
19	*Demonstrate understanding of relevant aspects of business principles	3	1	
20	*Demonstrate understanding of relevant aspects of environmental management	3	1	
21	*Demonstrate understanding of relevant aspects of quality management	3	1	
	ELECTIVE (at least 10 credits)			
22	Demonstrate understanding of the relevant aspects of lumber milling mathematics and / or	3	16	
23	Set up and operate primary break down Set up and operate secondary break down and / or	3 3	10 10	
24	Control lumber grading and / or	3	20	
25	Set up and operate conversion equipment in dry mill and / or	3	30	

26	Product finger-jointed and laminated lumber	3	20	
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- * 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.