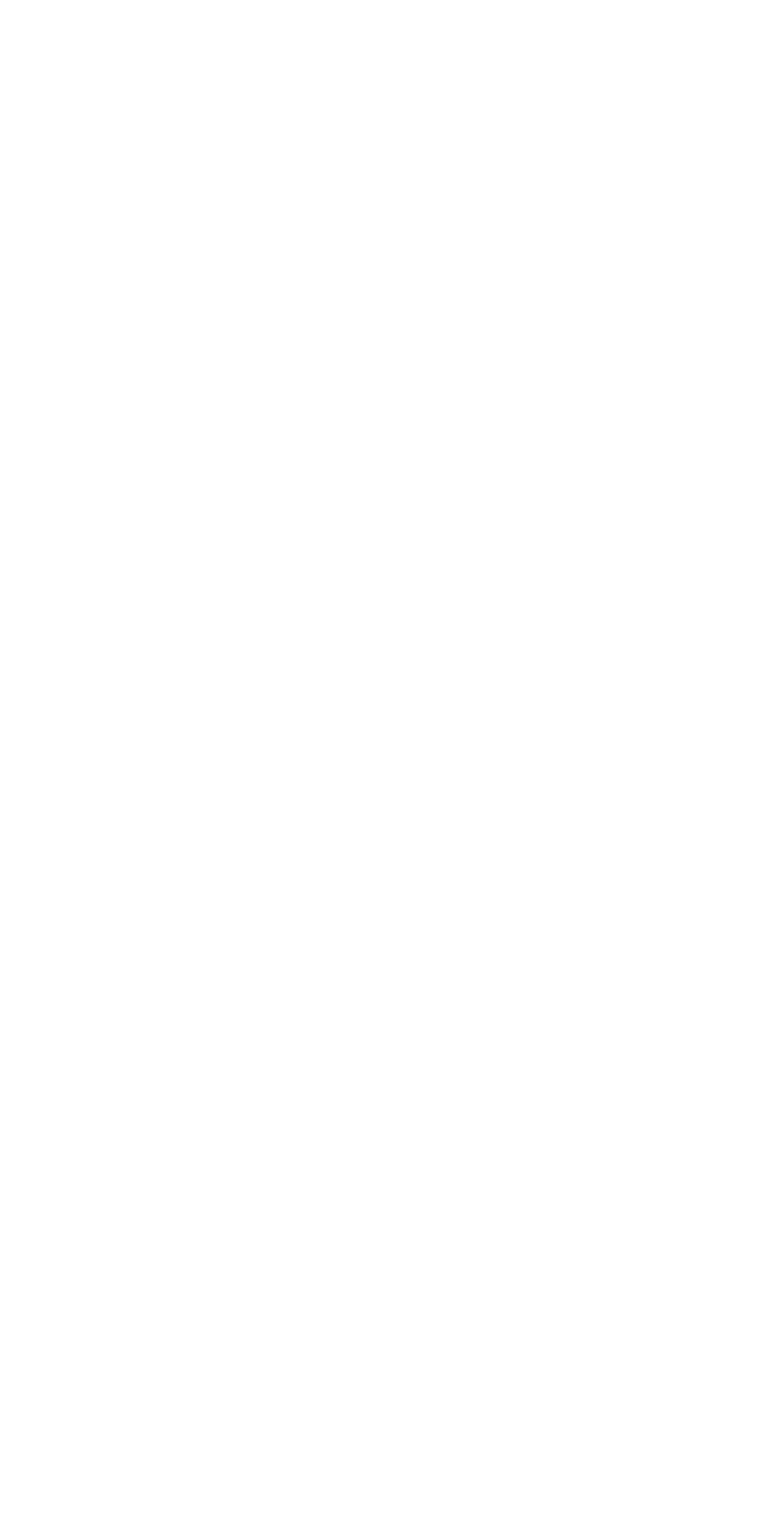
**Unit A Syllabus Mapping** 

Code	Descriptor	Section 1	Section 2 F	2.2 2.3	2.4 2.5 2.5	tion 3		3.4 3.4	3	Section 4	SECT		4.7 Section 5	5.1	5.3	5.5	5.8		5.12 5.13	5.14	5.16	5.18	5.20.	5.22	5.25 5.26	5.27 <b>TOTAL</b>
1.1	Recognise industry career pathways for fitting and machining workers in structural, transport, and manufacturing engineering enterprises, including fitter, fitter and turner, mechanical fitter, maintenance fitter, first-class metal machinist.  Drawings and Technical Information	· ·					Ι																			1
<b>2.1</b> 2.1.1	Recognise project requirement from a simple detailed drawing include  Basic orthogonal projections						<b>√</b>	П						[/ [ ]	171				T				✓ I I		T T	6
2.1.2	Pictorial view	1					√		1					<i>\</i>	<i>\lambda</i>											3
2.1.3	Dimension, symbols, annotations and scales  Hole size, form and quality information	1					V	<b>√</b>	<b>∀</b>				Ħ	v	V				T V	V V	<b>√</b>	$\pm$				8 4
2.1.5 <b>2.2</b>	Surface finish details  Recognise project requirements to identify							<b>√</b>	<b>√</b>   ✓					Ш					<b> </b> √	<b>√</b>	<b>√</b>					6
2.2.2 <b>2.3</b>	Potential hazards and apply control measures.  Examines industry drawings to identify			✓	✓	<b>√</b>	✓	Ш	<b>√ √</b>	✓	<b>√</b>   <b>√</b>   <b>√</b>	<b>✓ ✓</b>		<b>√</b>	√	✓				✓						17
2.3.1	Naming conventions for polymer, bright mild steel and aluminium standard sections	ПП					T.	<b>V</b>					Ш	<b>√</b>	<b>√</b>											3
2.3.2 2.3.3 2.3.4	Basic drawing standards: dimensions, limits fits and tolerances  Basic drawing standards: plain and solid shapes  Basic drawing standards: drawing details						√ √	✓ <b>✓</b>	✓ ✓				H	<b>√</b>	✓ ✓ ✓	<b>√</b>	✓ ✓ ———————————————————————————————————		<b>√</b> ✓	<b> </b>	✓ <u> </u>	✓ ✓ 	✓			9 5 7
<b>2.4</b> 2.4.1	Interpret a Simple detailed drawing with technical information to manufacture a product from mild steel								V V	<b>✓</b>	V V V	/ / /	<b>✓</b>	<b>✓</b>	<b>V</b>				<b>√</b>	<b>√</b>	✓					14
2.4.2 <b>3</b>	Detailed drawing with technical information of a machined product with interconnected components  Production and Processes								✓					<b>√</b>	✓ <u> </u>					✓	✓	<b>√</b>	√   <u> </u>			7
<b>3.1</b> 3.1.1	Demonstrate preparation skills and procedures using tools and machinery  Use of safe work practices		<b>√</b>	<b>√</b>   √		<b>✓</b>		П			/		<b>√</b>		[ / [,	/		/   /		<b>       </b>	<b>/ /  </b>	<b>√</b>   √	TT	TT		29
3.1.2	Setting up and positioning of machine guards and attachments			<u> </u>						<i>'</i>	, , , , , , , , , , , , , , , , , , ,					, , , , , , , , , , , , , , , , , , ,		✓ ✓	√ √	√ √			+	+		14
3.1.3 3.1.4	Tool storage and maintenance  Machine settings	+		_	<b>√</b>	<b>✓</b>			+++	✓ ✓	✓	√ √		$\vdash \vdash \vdash$	✓ , ✓ ,	✓	✓ ✓	<b> </b>	✓ ✓ ✓	✓ ✓ 	<b>√</b>   <b>√</b>	<u> </u>	_	_		21 8
3.1.5 3.1.6	Replacement and disposal General housekeeping				./	✓ ✓				,/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ / /	<b>V</b>	HH.	<b>V</b>	/ /	<b>V</b>	<b>√</b>	√ √ √ ./	✓ ✓ ✓ ✓	√	<u> </u>				8
3.2	Demonstrate marking-out skills and procedures using relevant tools				1 1 1						1, 1,	1' 1'			1, 1,	1. 1,	1.	1 1'	1 1 V	1 1 1	'	1,1				23
3.2.1 3.2.2	Skills using measuring/marking-out tools and equipment  Procedures used to measure, estimate and calculate materials	+			<b>√</b>				+++	✓ ✓	√	/	<b>✓</b>		✓ ✓	✓ , ✓ ,	/	\ \ \ \ \ \ \	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	<b>√ √</b>	<b>√</b>			+	16 20
3.3	Demonstrate cutting skills and procedures using relevant tools and machinery						<u> </u>	· '	· · · · · ·			· · ·			1./ 1	1 1	<del>, , ,</del>	<del></del>			<b>V</b>					
3.3.1 3.3.2	Skills using hand tools Skills using power tools	$\Box$			<b>y</b>									Ш	v		$\pm \pm$	+	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							1
3.3.3 3.3.4	Skills using machinery  Procedures for and safe methods of cutting a range of materials (e.g. metals and polymers)	$+$ $\vdash$ $\vdash$		_						<b>√</b>	<b>✓</b>	/	Н	$\vdash\vdash\vdash$	✓ ✓	+	++	++	<b>✓</b>			+		++		4 4
3.4	Demonstrate joining skills and procedures using relevant tools and machinery			<u> </u>																						
3.4.1 3.4.2	Skills using hand tools Skills using power tools	+			✓ ✓					-		++	H	$\vdash \vdash \vdash$	+	++			14	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>√</b>	+		++		1
3.4.3 3.4.4	Skills using machinery Procedures for and safe methods of joining a range of materials (e.g. metals and polymers)	$\Box$											П							<b>V</b>	1		4			
3.5	Demonstrate machining skills and procedures using relevant machinery																									
3.5.1 3.5.2	Skills using machinery (manual and CNC)  Procedures for and safe methods of machining a range of materials (e.g. metals and polymers)	+		_		-	_	$\vdash$		+	✓ ✓	++	Н	$\vdash\vdash\vdash$	++	✓ , ✓ ,		✓ ✓ ✓ ✓	V V	✓ ✓ ✓ ✓		+	+	++		9 10
3.6	Demonstrate forming skills and procedures using relevant tools and machinery						!									1 1								1 1		
3.6.1 3.6.2	Skills using hand tools Skills using machinery	┧世			V						VV	VV	Ш				✓									
3.6.3 <b>3.7</b>	Procedures for and safe methods of forming a range of materials (e.g. metals and polymers)  Demonstrate assembling skills and procedures using relevant tools and machinery													ш			✓									1
3.7.1	Skills using hand tools	ПП			<b>V</b>			Ш			$\Box$	$\Box$	П	Ш	4		$\Box$				V	<b>√ √</b>				4
3.7.2 3.7.3	Skills using power tools  Procedures for and safe methods of assembling a range of components	+			<b>√</b>	-		$\vdash$	+++	-	++	++	H	H	+			++			✓	1 1		++		1 3
<b>3.8</b> 3.8.1	Demonstrate finishing skills and procedures using relevant tools and machinery  Skills using hand tools							П								17.						<u> </u>		TT		13
3.8.2	Skills using power tools	┧世			<b>√</b>						Ť									Ľ		<u> </u>				1 1
3.8.4	Skills using fixed machinery  Procedures for and safe methods of finishing a range of materials (e.g. metals and polymers)	$+ \vdash \vdash$								<b>✓</b>	✓ ✓	<b>/ / /</b>	Н	Ш	✓				<b>✓ ✓</b>	✓ ✓ ✓		✓				13
Code	Descriptor	ion 1	ion 2			ion 3				ion 4		T	ion 5						П							- AL
4	Industry Practices	Sect 1.1	Sect 2.1	2.2	2.4	2.6 Sect	3.1	3.3	3.5	Sect 4.1	4.3	4.5	Sect	5.2	5.3	5.5	5.8	5.10	5.12	5.14	5.16	5.18	5.20	5.23	5.25 5.26	5.27 TOT
<b>4.1</b> 4.1.1	Demonstrate industry-related personal attributes for fitters and machinists  Communication: technical language and knowledge of tools and procedures			Т				П	<b>✓</b> ✓	<b>✓</b>	✓ <b>✓</b> ✓	/ <b>/ /</b>	V	<b>V</b>	√ √ ,	<b>✓   ✓  </b> ,		/	<b>✓</b> ✓	<b>✓ ✓</b>	<b>√ √</b>	<b>√</b>   ✓	<b>√</b>   <b>√</b>	<b>√</b> ✓	/	<ul><li>✓ 35</li></ul>
4.1.2 4.1.3	Communication: written skills and producing textual/visual information  Communication: oral skills, speaking and listening	$\Box$								<b>✓</b>	< < <	/ <b>/ /</b>	<b>✓</b>	V V	√ √ ,	/ / ,	/ <b>/</b> /	/	√ √ √ ./	<b>√ √</b>	√ √ √ ./	√ √ √ √	√ √ √ √ √	/ / /	<b>✓ ✓ ✓</b>	√ 34 √ 25
4.1.4	Teamwork, responsibility and accountability	┧世												√ √	√ √ ,	<i>y y</i> ,	/ /	√ √	√ √	√ √	√ √	√ √	· · ·	/	√ √	√ 23 ✓ 23
4.1.5 <b>4.2</b>	Integrity, initiative, independence and work ethic  Recognise industry practices regarding customer expectations of product quality									<b> </b>   √	<b>✓</b>   <b>✓</b>   <b>✓</b>		<b>✓</b>	V V	<b>√</b>   <b>√</b>   ,	<b>✓</b>   <b>✓</b>   ,	<b>/   √   √</b>		<b> </b> √   √	<b> </b> √   √	<b>√</b>   √	<b>√</b>   <b>√</b>	<b>√</b>   <b>√</b>   <b>√</b>	/	<b> </b>	√ 34
4.2.1	Accuracy: limits, fits and tolerances in drawings	$\Box$					$\blacksquare$		$\Box$	V	/ / /		<b>✓</b>	V	√ √ ,	/ / ,	(		<b>V V</b>	✓ ✓ ✓ ✓	√ √ √ √	<b>/ /</b>	√ √ <u></u>	$\Box$		27
4.2.2 4.2.3	Finish: Ra value and machine cutting speeds and feeds  Cost: minimising waste, efficiency, effective teamwork	┧世									VV	VV	<b>√</b>	✓ ✓	y	v ,	/ V V	\ \ \ \ \ \ \	<b>∨ ∨</b>	V V ✓	<b>∨</b>	<ul><li>√</li><li>√</li></ul>	<b>∨</b>	<b>√</b> ✓	<b>✓ ✓ ✓</b>	√ 23 21
4.2.4 <b>4.3</b>	Completion in agreed timeframes  Select and demonstrate WHS practices in fitting and machining tasks												<b> </b> √	<b>  √   √  </b>	<b>√</b>   <b>√</b>	<b>√</b> ,	<b>/                                    </b>	<b>✓</b> ✓ ✓	<b>√ √</b>	<b>√ √</b>	<b>√</b>   <b>√</b>	<b>√</b>   <b>√</b>	<b>√</b>   <b>√</b>			21
4.3.1	WHS Act 2011: rights, responsibilities and obligations	ПП	<b>√</b>	<b>√</b>	<b>√</b>		1	П				$\Box$												$\Box$		3
4.3.2 4.3.3	Industry-specific codes of practice for machinery Safe operating procedures for machinery and equipment	+	✓ ✓	✓ ✓ ✓	<b>√</b>	<u>√</u>					<b>√</b> ✓		Н	<b>✓</b>	✓ , ✓ ,	✓	/ V V / V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	√ √ <b>√</b>	√ √ √		++		21 26
4.3.4 4.3.5	Risk assessments for workshop processes Use of PPE	$+\Box$	<b>√</b>	√ √ √ √	<i>y</i>	<b>√</b>					/ / /		Д.	<b>/</b>	√	/ / ,	/ / /	/ / /	/ /	/ /	<i>y y</i>	<i>y y</i>	<i>y y</i>			6
4.4	Document production plans		, v	·   *							,	, I ,			. [* [	1, 1,		1. 1,	1, 1,	1 · 1 *		. [* ]				32
4.4.1 4.4.2	Plans include cutting list, costing, sequence, safety, teamwork  Evaluation of processes, adaptations, and skills used	+		+	+			+	√   √	<b>√</b>	✓   ✓   ✓	√ √ √	✓ ✓		✓	/	/ / /	/ / /	<b>✓</b> ✓	<b> </b>	<b> </b>	<b>√</b>	✓	/ / /	/	✓ 13 ✓ 27
<b>4.5</b> 4.5.1	Determine the sequence of production processes				· · · · · ·		<u>'</u>	· ·	· · · · · ·		<u> </u>			1./	<u> </u>	1./1	/   ./	1/1/	./ /		V 1./ 1	<u> </u>	1./ 1	<del></del>		20
4.5.2	Consider equipment availability and tools  Work and communicate with others	$\Box$									. v v	, v		✓ <b>V</b>	√	✓ ,		, , , v	, v	, , ,	· •	$\Rightarrow \Rightarrow$	<b>√</b>	<b>√</b> ✓	·	√ 11
4.5.3 4.5.4	Work to a production schedule Minimise waste: time and materials	+ $+$ $-$		<u> </u>	$++\overline{1}$		<u> </u>	<del>                                     </del>	+	✓ ✓	√ √ <del>√</del> √	✓ ✓ ✓		<del>       </del>	√   T	√   ¬	/	√   √	√ √ ✓	✓	√ √ 	<u>√</u>	✓ <u> </u>	$+\bar{\Gamma}$	+	20
4.6	Evaluate production skills and outcomes using industry knowledge			<u> </u>					· · · · · ·		1 1	1 1			1 1	<u> </u>	1 1	/		1 1			1 / 1	1 1	<del></del>	
4.6.1 4.6.2	Material and machine size errors, availability and storage Working with others	_											ı v		✓						<b>✓</b>	<u> </u>	✓ ✓ ✓ ✓		✓ ✓	√ 4 √ 7
4.6.3 4.6.4	Product accuracy and quality Production issues, errors or constraints	$\Box$		$\blacksquare$						<b>√</b>	V V V	<b>✓ ✓</b>	<b>√</b>	$\Box$		$\Box$	<b>√</b>				✓	<b>√</b>	√	V V	/	√ 16 √ 10
4.6.5	Equipment availability, suitability and performance	1 H							丗	<b>✓</b>	√ √ √	/ <b>/ /</b>	·		$\pm$	$\pm \pm$						✓	V V	· · · ·	, v	10
4.6.6 <b>4.7</b>	Waste including time and cost  Adapt production plans, skills and procedures												<b> </b>									<b>√</b>	√	<u> </u>	<b>′</b>	√   8
4.7.1	Adapt production sequence	ПП											Н	$\Box$	√		$\Box$	$\Box$				√	<b>√</b>	$\Box$		3
4.7.2 4.7.3	Adapt tool and machine use Address machining surface defects	$\Box$												Ш	·		<b>√</b>	/		<b>√</b>		·	✓ <b>V</b>	$\pm \pm$		4
4.7.4 4.7.5	Component limits, fits and tolerance Out of tolerance errors	+ $+$ $+$		<del>-</del>			+		++		$+ \overline{+}$		$\mathbf{H}$	$H\overline{I}$	$+$ $\overline{+}$	$+ \overline{+}$	√ √ ✓				√ √	√   <del> </del>	√ √	$+ \overline{+}$		5
4.7.6	Finish product to drawing and customer expectations												<b>√</b>									✓	√ √	<b>√</b> ✓	<b>✓ ✓</b>	√ 9



**Unit A VET Mapping** 

		SECTION 1		SECT	TION 2			SEC	TION 3	3		SE	ECTION 4	4									SEC	CTION 5								
		Section 1	Section 2 2.1	2.2	2.4	2.6	Section 3	3.2	3.4	3.5	Section 4	4.2	4.4	4.6	Section 5	5.2	5.3	5.5	5.6	5.8	5.9	5.11	5.12	5.14	5.16	5.18	5.19	5.21	5.23	5.25	5.26	TOTAL
	1.1 Falleys standard an arcting presenting (CODs)					171								·				1/1		1/1	/ /	1/1/								$\overline{}$	$\overline{}$	26
	1.1 Follow standard operating procedures (SOPs)		V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V /	<b>,   '</b>			+	+	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V	·	- -	<u> </u>	<b>V</b>	V /	V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	v v	VV	· ·	<del>*   *</del>	VV	<del>                                     </del>	<u> </u>	<del>                                      </del>	+++	++	+	20
	1.2 Comply with work health and safety (WHS) requirements at all times	-	V	v v	V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			+	+	V ./	V V	V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4	V (	v v	V	<b>y v</b>	V	v v	V V	<b>v</b>	V V	V V	<del>                                     </del>	<u>v</u> v	\ <u>\</u>	++	++	+	33
	1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs	-	Ļ	V		+	./	/ /	1./	/ /	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V	V V	·   V		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	v v	<b>V</b>	v v	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	v v	V   V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V	V V	<del>                                     </del>	<u>v</u> v	\ <u>\</u>	+++	++	+	22
	1.4 Identify job requirements from specifications, drawings, job sheets or work instructions		_		/	+	Ľ	ľ	╅	<del>*   *  </del>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V	V V	/ //	-	·	• •	4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1./	<u> </u>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V	V V	<del>-   '   '</del>	<u>, , , , , , , , , , , , , , , , , , , </u>	++-	++	++	+	17
	2.1 Select hand tools appropriate to the task requirements		_		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+			+	+	V ./	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V V		4 -		V	+	· •	V ./		<del> </del>		<b>∨ ∨</b>	V V	<del>                                     </del>	<u>v</u>	++	++	++	+	16
	2.2 Use hand tools to produce outcomes that meet job specifications					+			+	-	Ľ		V V	<b>-  `   -</b>			·		· ·	\ <u>\</u>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	·	řř	+++	+++	<del>*      </del>	+-	+++	++	+	10
	2.3 Identify unsafe or faulty tools and mark for repair according to designated procedures before, during and after																			./				12/2								17
	use		_			+			+	+	Ľ	+   *		+ +			Ť		· ·	\ <u>\</u>		H	- V	řř	+++	+++	<b></b>	++	++	++	+	1/
MEM18001 Use hand	2.4 Undertake routine maintenance of tools using engineering principles, tools, equipment and procedures					<b>✓</b>			$\perp$	Щ	✓	✓	<b>√</b> ✓	· 🗸	4		<b>✓</b>		✓	<b>V</b>		<b>✓</b>	<b>/ /</b>	< <	<b>✓</b> ✓	<u>/</u> _/ .	<u> </u>	$\coprod$		$\bot\!\!\!\!\bot$	44	17
	2. C Stare hand tools cafely in appropriate leastion according to proceedures and manufacturers' recommendations													,   ,																		17
tools	2.5 Store hand tools safely in appropriate location according to procedures and manufacturers' recommendations											ľ		l v L			ľ		V	ľ				<u> </u>	1, 1,	<u></u> ,	<u> </u>					17
	1.1 Follow standard operating procedures (COPs)		./		1./ 1																	<u> </u>				7				7		
	<ul><li>1.1 Follow standard operating procedures (SOPs)</li><li>1.2 Comply with work health and safety (WHS) requirements at all times</li></ul>	-	V ./	<b>v</b>	<b>y</b> ./	v ./		$\vdash$	+	+		V		++	$\dashv$ $\vdash$	+				+		++		$\leftarrow$	+	+++		<del></del>	+++	++	+	3 7
			· (	<b>v v</b>	V V	· · · ·		$\vdash$	+		_	V		+				+ +	+			++	+	$\vdash$	+++	++	-+-	$\vdash \vdash$	++	++	+	7
	1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs	-	Ļ	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<del> </del>	-	/ /		/ /		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	++	+ +		+						++		$\vdash$	+	+++		++	++	++	+	7
	1.4 Identify job requirements from specifications, drawings, job sheets or work instructions		_		1	+	Ļ	ľ	4	·		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				-4			_			++	-	$\vdash$	+++	++	+	$\vdash \vdash$	++	++	+	2
	2.1 Select power tools appropriate to the task requirements		_		+ +	+				+		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						+	+			++	+	$\vdash$	+++	++	-+-	$\vdash \vdash$	++	++	+	2
	2.2 Use power tools for a determined sequence of operations to produce desired outcomes to job specifications	Ш			✓	Ш				Щ		<b>✓</b>												<b>/</b>	$\perp \perp$	$\perp \perp$	'	$\coprod$	$\perp \perp$	$\perp \perp$	Щ	3
MEM18002 Use power	2.3 Identify unsafe or faulty tools and mark for repair before, during and after use according to SOPs					<b>✓</b>						/																				2
tools/hand	2.4 Undertake operational maintenance of tools according to principles, techniques and SOPs					<b>✓</b>				$\Box$		<b>✓</b>																				2
held operations	2.5 Store power tools safely in appropriate location according to manufacturers' recommendations and SOPs					<b>/</b>						<b>√</b>		Ш											Ш	Ш			Ш	Ш	$\square$	2
									1	$\neg$				<u> </u>		/			/ /		/ /											22
	1.1 Comply with work health and safety (WHS) requirements at all times		\ <u>\</u>	<b>√ √</b>	V V	\ <u>\</u>						✓ ✓ ✓ ✓				/ <b>V</b>		V	<b>v v</b>	V	<b>V V</b>	V V	<b>V</b>	✓ ✓ ✓ ✓		/		✓ ✓	++	++	+	33
	1.2 Identify job requirements from work information in consultation with a supervisor	-				+		V V	<b>- </b>	V V	<b>√</b>		V V	<del> </del>	$\dashv$ $\vdash$	<b>v</b>	V V	· ·	V V	· ·	v v	V V	-	řř	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+++	<u> </u>	+	++	++	+	33
	1.3 Identify appropriate machines in accordance with job requirements		_		V	+			+	-	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V		-  F	<b>v</b>	V							$\vdash$	+	+++		++	+	+++	+	10
	1.4 Identify appropriate tooling in accordance with job requirements		_		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+	-		+	$\dashv$	V	V V	V V	+ +	-   -	·	v ./		./ ./	./		./ ./	/ ./	1//	+	+++		++	++	++	+	10
	<ul><li>1.5 Calculate cutting speeds and feeds</li><li>1.6 Prepare a job plan showing machines, tooling, cutting speeds and feeds and an appropriate sequence of</li></ul>	-			1	+				+	V	+   *	<b>  '</b>	+			· · ·		VV	+ +		<del>                                     </del>	- V	řř	+	+++		$\vdash$	+++	++	+	12
	operations															/   /	/							ı I								2
	1.7 Confirm plan with a supervisor					+			+	+		+ +		+++		/ /	·					+		$\vdash$	+++	+++		$\vdash \vdash$	+++	++	+	2
	2.1 Obtain appropriate tooling and materials					+			+-	$\rightarrow$	1		1	+	$\dashv$ $\vdash$	<del>    '  </del>	· /	+ +	/ /	1		1/ 1/	/ /		+++	++	-+-	$\vdash \vdash$	++	++	+	12
	2.2 Set up tools and materials to meet job requirements	-				+			+		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	+			· · ·		<u>, , , , , , , , , , , , , , , , , , , </u>	1/		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ //	<del>                                      </del>	+++	++	+	$\vdash \vdash$	++	++	+	12
	2.3 Set required speeds and feeds								+		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	+++			· · ·		<b>,</b> ,	· /		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ //	<del>                                      </del>	+++	+++		$\vdash \vdash$	+++	++	+	12
	3.1 Use and wear appropriate personal protective equipment (PPE) in accordance with procedures	-	1	✓ <b>✓</b>	/ /	/ /			+	$\dashv$	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	✓ ✓	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		+	/   _/	✓ ✓		, v	\ <u>\</u>	/ /	V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<ul><li>∨</li><li>√</li></ul>	1.	<del>-   -   -   -   -   -   -   -   -   -  </del>	1/	<b>√</b>	++	++	+	33
	3.2 Follow safe machining practices	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V	, v				+	$\dashv$	1	, v		+ +	+	+ +	, v	+ +	· •	· /	·   *		/ //	· / /	++++	+++	· + '	+++	++	++	+	19
	3.3 Machine materials to job requirements	-	<del>                                   </del>	V	<del>                                     </del>	+			+	-	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	++	$\dashv$	+	· ·		· •	· /		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ //	· / /	+++	++	-+-	<del></del>	++	++	+	10
	3.4 Use measuring equipment	-				+			+	$\dashv$	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1		$\dashv$ $\vdash$	1./	./	++	, v	· /	/ ./	Y   V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	· · ·	1/1	<del>-   -   -   -   -   -   -   -   -   -  </del>	<del>_</del>	<del></del>	++	++	+	22
	3.5 Store completed work in a manner which will prevent/minimise potential damage					+		$\vdash\vdash$	+	$\dashv$	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	v v	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	+	/   /	✓ ✓		, v	\ <u>\</u>	, v / //	V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	· / ·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<del>/                                    </del>	· / /	<del>                                      </del>	++	++	+	22
-	4.1 Clear work area of waste and clean according to requirements		<del> </del>			1		$\vdash$	+	-	\ <u>\</u>	· · ·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ / /	+	+ +	· •	· /	· · ·	· /	·	·   v	/ /	<del>\</del>	1 1	<del>///</del> /	· · ·	+++	++	+++	+	24
	4.1 Clear work area of waste and clean according to requirements  4.2 Maintain and/or store machines, tools and equipment according to instructions					1		$\vdash$	+	+	\ <u>\</u>	· · ·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	///	$\dashv$ $\vdash$	+	<i>'</i>	· /	· · ·	, /	·	·   v	/ /	v v √	1 1	<del>///</del> /	<del>'</del>	++	+++	+++	+	24
maciilles	4.2 Maintain and/or Store machines, tools and equipment according to instructions										ľ	, , ,					· · ·		, v	<b>"</b>	, , , ,	<u> </u>		<u> </u>			, v					24