



As part of the Risk Assessment process by Education Queensland and Innisfail State College, all activities undertaken in Industrial Technology and Design are classified into four risk categories.

LOW RISK	MEDIUM RISK	HIGH RISK	EXTREME RISK
Year 7 & 8 Technology		<i>Low to Medium Risk Activities</i>	
<ul style="list-style-type: none"> ▪ battery-operated tool with low torque ▪ hot glue gun ▪ orbital sanders ▪ pedestal and bench drill ▪ sanding disc ▪ strip heaters 	<ul style="list-style-type: none"> ▪ bandsaw (basic cuts) ▪ electric drill ▪ electric screwdriver ▪ electric soldering iron ▪ linisher – disc sander ▪ pan brake ▪ pyrography machine ▪ scroll saw ▪ spray-painting equipment 		
Year 9 Industrial Skills		<i>Low to High Risk Activities</i>	
<ul style="list-style-type: none"> • battery-operated tool with low torque • hot glue gun • orbital sanders • pedestal and bench drill • sanding disc • strip heaters 	<ul style="list-style-type: none"> • biscuit cutter • electric drill • electric screwdriver • electric soldering iron • jigsaw • linisher – disc sander • pan brake • pyrography machine • scroll saw • spray-painting equipment • spot welder 	<ul style="list-style-type: none"> • angle disc grinder • bandsaw • belt sander • bench grinder • disc sander • electric planer • electric portable saw • guillotine (light sheet) • hydraulic press • milling machine • palm router • router • router table • shaping machine • wood lathe 	
Years 10, 11 & 12 Furnishing, Metal & Engineering		<i>Low to Extreme Risk Activities</i>	
<ul style="list-style-type: none"> ❖ battery-operated tool with low torque ❖ hot glue gun ❖ orbital sanders ❖ pedestal and bench drill ❖ sanding disc ❖ strip heaters 	<ul style="list-style-type: none"> ❖ air compressor ❖ biscuit cutter ❖ electric drill ❖ electric soldering iron ❖ electric screwdriver ❖ jigsaws ❖ linisher – disc sander ❖ milling machine ❖ pan brake ❖ pyrography machine ❖ scroll saw ❖ spray-painting equipment ❖ spot welder 	<ul style="list-style-type: none"> ❖ bandsaw ❖ belt sander ❖ bench grinder ❖ biscuit jointer ❖ cold saw ❖ disc sander ❖ electric planer ❖ electric portable saw ❖ guillotine (light sheet) ❖ hydraulic press ❖ metal lathe ❖ mig welder ❖ palm router ❖ plasma cutter ❖ plate roller ❖ punch and sheer machine ❖ router ❖ radial arm drill ❖ router table ❖ shaping machine ❖ wood lathe 	<ul style="list-style-type: none"> ❖ angle disc grinder ❖ chainsaw ❖ combination bench saw ❖ cut-off saw (friction wheels) ❖ drop saw ❖ electric arc welder ❖ guillotine (heavy duty) ❖ oxygen-acetylene cutting and welding processor ❖ panel saw ❖ planer ❖ power hacksaw ❖ radial arm saw ❖ thicknesser

The above table gives examples of the equipment and risk level undertaken for each year level.

The Industrial Design and Technology teachers are all experienced in the subject area and are trained in the safe use of all equipment utilised.

Please Note: To take home completed projects students are required to pay a levy.
 The levy covers the cost of consumable items used in the production of projects.
 This levy will be invoiced to the nominated fee payer.

To ensure the safety of students, risk is managed in these subject areas by:

- ✓ Ongoing Risk Assessment review
- ✓ Safe operating procedures for each piece of equipment
- ✓ Stringent workshop rules
- ✓ Student safety inductions
- ✓ Teacher demonstration on correct use of equipment
- ✓ Teacher and teacher aide supervision
- ✓ Ongoing assessment and management of student competence to safely use equipment
- ✓ Mandatory use of personal protective equipment

Students who cannot demonstrate that they can follow supervisor instruction, workshop rules and standard operating procedures will be removed from this subject area for safety reasons. Risk levels identified are based on students following direction, using equipment as directed and following safe operating procedures.

Please discuss the need for safety with your student.



Damian McAvoy
Head of Department



Kate MacDonald
Principal

Student Acknowledgement & Parental Permission

STUDENT ACKNOWLEDGEMENT

As an Industrial Technology and Design student at Innisfail State College, I acknowledge and understand the need for safety regulations and requirements and agree to follow all instructions given regarding workplace health and safety.

Student Signature: _____

PARENT/CARER PERMISSION

I have discussed the need for safety with *(insert student name)* _____ and I am aware of the necessity for them to follow safety rules and regulations and all directions regarding workplace health and safety.

I give permission for them to undertake all activities in the workshop as required for the subject, after they have been given training and instruction, and have satisfied all requirements to use equipment safely.

The department of education has instructed schools to advise parents/carers that products are the result of a teaching exercise only. They do not, and were never intended to, conform to Australian Standards, and should not be used for their normal practical purpose.

I understand that failure to follow safety rules, use Personal Protective Equipment, (PPE) or unsafe behaviour will lead to the removal of my student from this subject.

Parent/Carer Name: _____

Parent/Carer Signature: _____

Date: _____