



ASPIRE - LEARN - ACHIEVE

## Design and Technology High and Extreme Risk Consent Years 10-12 Industrial Technology and Design

Senior Secondary (Years 10, 11 and 12) students who study one or more Industrial Technology and Design (ITD) practical subjects are instructed on the use of a variety of materials and equipment in the production of their work, with a number of typical resources and processes designated by the Queensland Department of Education (DoE) to have a potential high or extreme risk of injury associated with their use.

As a requirement of risk assessment processes in ITD at Bentley Park College, additional parent/carer consent is required, including all relevant medical information, for risks designated high or extreme before individual students are permitted to participate in ITD practical subjects.

Year 10-12 ITD students and their parents/carers are required to sign a ***Design and Technology High and Extreme Risk Consent Years 10-12 Industrial Technology and Design*** form.

This acknowledges students have read, understood and will abide by the *Design and Technology Safety Policy and the Design and Technology High and Extreme Risk Consent Years 10-12 Industrial Technology and Design* form to the best of their ability; and that parents/carers have read and understood the *Design and Technology Safety Policy and the Design and Technology High and Extreme Risk Consent Years 10-12 Industrial Technology and Design*, and agree to their enforcement for their student's safety.

Examples of the ITD resources are listed below:

**High risk:** oxy, MIG, TIG welder, metal and wood lathes, bandsaw, cold saw, power hacksaw, wall saw, circular saw, angle grinders, plunge routers, table router, electric plane, guillotine and nailing gun.

**Extreme risk:** thicknesser, spindle moulder, surface planer, compound mitre (drop) saw, table saw, radial arm saw, metal cutting bandsaw, metal cut-off saw, vehicle hoist.

**Possible exposure to:** toxic timbers and wood dusts including MDF and formaldehyde, plastics, spray painting lacquers, thinners and solvents, fiberglass and resins, oils, compressed air and pneumatic tools.

Students may choose not to use equipment they do not feel confident with. Similarly, students who do not demonstrate appropriate maturity or fail to complete safe operational training will be restricted in their use.

ITD subjects most likely to be utilising some or all of these resources and processes during are:

- Year 10 Technology and Materials Specialisations (TMT)
- Year 11 and 12 Engineering Skills (ESK)
- Year 11 and 12 Furnishing Skills (FSK)
- Year 11 and 12 Building and Construction Skills (BSK)
- Year 11 and 12 Industrial Technology Skills (ISK).

