**Category: Best Toolmaking Application**  **600 Words Total**

**Company Name**

**Contact person**

**Entry Name**

|  |
| --- |
| **Best Toolmaking Application Category** |
| Entrants to show how they have used innovative tooling concepts and processes to design and manufacture a tool at best cost and that will allow the product or component to be moulded efficiently and reliably. |

|  |
| --- |
| Photographs and Tool drawings (Non electronic versions) are required to be supplied |

**Tool Design (30%)**

**Describe how the tooling was designed to meet a tooling brief.**

*Criteria here includes but is not limited to:*

* Part production volumes and precision
* Originality and/or innovation solutions
* Materials Selection and hardening systems to meet tool life expectations
* Ease of part Manufacturing and assembly
* Cost competitiveness of the tool and parts
* Ongoing tool maintenance and servicing requirements

**Tooling Manufacture (30%)**

**Describe how the tooling was manufactured to meet the brief**

*Criteria here includes but is not limited to:*

* Part precision and accuracy requirements
* Quality of finish requirements
* Use of innovative tool manufacturing practices
* Cost effectiveness of tool manufacture
* Design complexity and sophistication

**New Zealand Content (30%)**

**Describe the NZ content incorporated in the Tool Design and manufacture of the Product**

*Criteria here includes but is not limited to:*

* Concept and design
* Tool Manufacture

The declaration submitted with the entry **MUST** include details verifying all claims on New Zealand content and authorisation from the owner of the intellectual property.

**Environmental Achievement (10%)

Describe how the tool design and manufacture of the tool incorporate best environmental practice.**

*Criteria here includes but is not limited to:*

* Those factors outlined on Page 8 of the Design for the Environment Guidelines but particularly
* Efficient use of materials
* Reuse and recycling of materials used
* Energy efficiencies achieved
* Ongoing servicing requirements