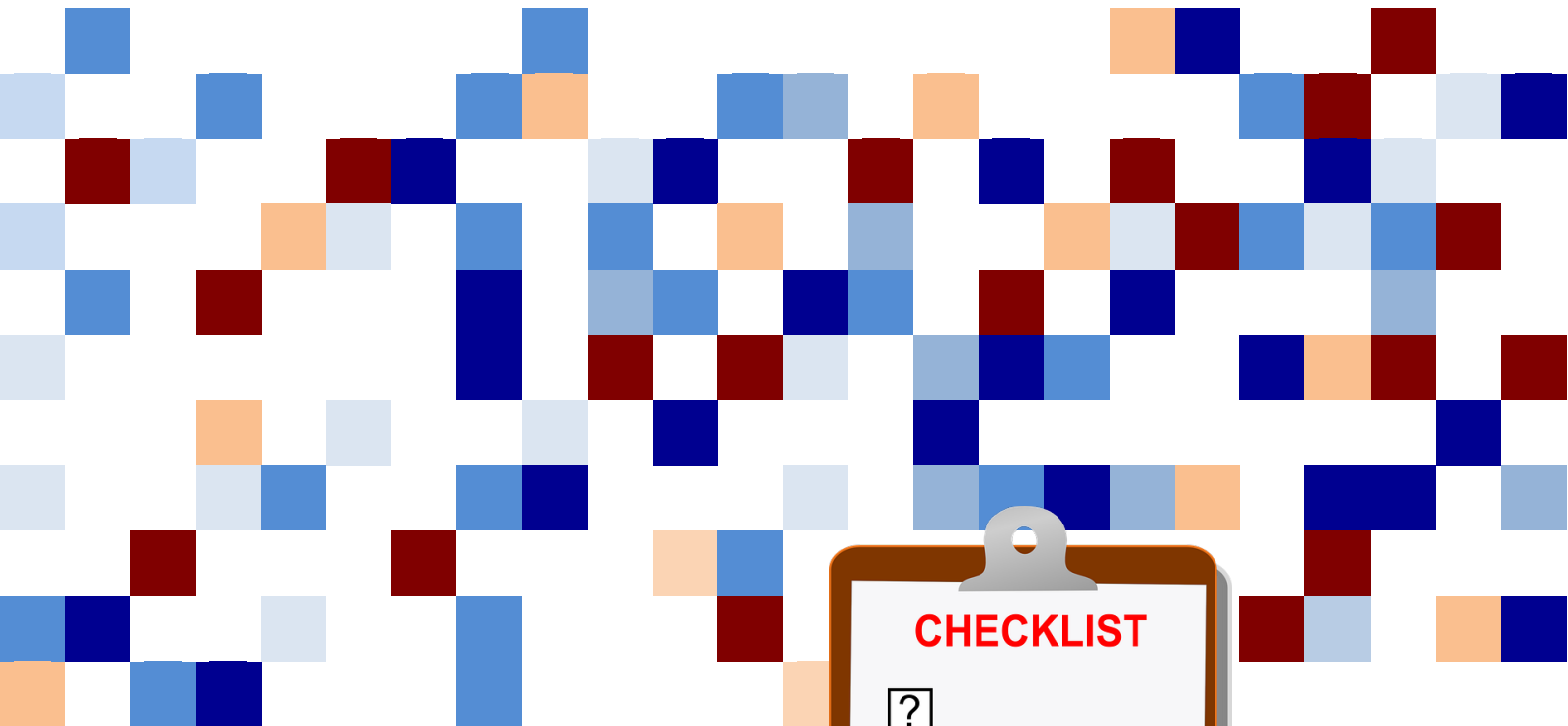


# Machinery Directive

## TECHNICAL FILE CONTENTS CHECKLIST



## Machinery Checklist Guidance Notes

### 1. Introduction

1.1 These notes accompany the various machinery checklists available on our website. The notes refer to:

- Technical File contents checklist
- Basic EHSRs checklist for machinery in Section 1 of Annex 1 of the Machinery Directive
- Supplementary EHSRs checklist for machinery in Sections 2-6 of Annex I of the Machinery Directive

1.2 The checklists apply to equipment that falls into the scope of the Machinery Directive 2006/42/EC.

1.3 Most machinery can be CE marked by self-certification; i.e. the equipment does not need to be independently certified or assessed by an external body. You do not have to register with anyone in order to CE mark your product. However, certain types of machinery, mentioned in Annex IV of the Machinery Directive, do require extra certification – please [see our website](#) or contact us for more details. The CE marking procedure for machinery that does not fall under Annex IV is shown in section 2 below.

1.4 The Machinery Directive has two broad sets of requirements for all equipment with powered moving parts. The first, the essential protection requirements, ensure machinery is properly designed to avoid hazards of entrapment, entanglement, etc. The second, the administrative requirements, ensure that manufacturers provide documentary evidence that the machinery complies with the Directive. The EHSRs checklist allows you to perform a self assessment of the essential protection requirements, and the Technical File contents checklist helps you to compile the required evidence.

### 2. The CE marking procedure

2.1 The essential steps in the process of CE marking your product are as follows:

- Identify the applicable CE marking directive(s) that your product falls under, and identify any relevant standards relating to your product
- Identify the relevant requirements in the directives and standards which deal with the particular hazards present in your product
- Assess the product for compliance with these requirements by inspection, testing, calculation and assessment, and record and non-compliances



## Checklist

Item	Description	R	?	N	Comment	Check
<b>3</b>	<b>Record of risk assessment and compliance with EHSRs</b>					
3.1	Generic hazard assessment to EN ISO 12100 (checklist)					
3.2	Assessment of control category required to EN ISO 13849-1 (checklist)					
3.3	Machinery Directive EHSRs checklist					
3.4	Electrical safety assessment checklist (EN 60204-1)					
3.5	Product specific standard checklists					
3.6	EMC assessment					
3.7	Functional EMC Safety assessment					
<b>4.</b>	<b>References</b>					
4.1	List of Standards and other specifications used					
4.2	Identification of EHSRs covered by the standards					
<b>5.</b>	<b>Methods adopted to eliminate hazards</b>					
5.1	Description of control system					
5.2	Description of safety system					
5.3	Measures taken to satisfy EHSRs where standards not fully applied					
5.4	Functional EMC safety measures					
5.5	Identification/description of any residual risks					
<b>6.</b>	<b>Inspection reports</b>					
6.1	Conformance report					
6.2	Notified body report					
6.3	Other inspection/test reports					
6.4	Type approval certificate					
6.5	Safety/stopping distance measurements					
6.6	Report of noise tests					
<b>7.</b>	<b>Quality control and manufacturer's commissioning procedures</b>					
7.1	Safety system test procedure					
7.2	Functional/operational test procedure					