

Machinery Update According to Royal Decree 1215



Description

Machines commissioned before 1995 must be updated and conform to **Royal Decree 1215/97**.

At **i9s** we examine the **current state of your machinery**, including aspects such as the electrical equipment, safety protections, maintenance, documentation, etc., and we generate non-conformity files so that the end customer can update them or if they prefer, **i9s can make these updates**.

Specifications

The updates are based on the following Royal Decrees and specifications:

- **Royal Decree 1215/1997**, of 18th July establishing minimum safety requirements for use of work equipment by workers.
- **Royal Decree 2177/2004**, of 12th November, amending Royal Decree 1215/1997, of 18th July, laying down minimum safety and health requirements for the use by workers of work equipment during temporary work at height.
- **TECHNICAL GUIDE** For the assessment and prevention of risks related to the use of work equipment.

Examples

Examples are shown below:

FICHA DE NO CONFORMIDAD Nº	3	Título	Aristas vivas, agudas o cortantes en diferentes partes de la máquina.			Lugar	Perímetro	S	1-11-3	Eva. Riesgos	
Objeto	Evitar lesiones a personas debido a aristas vivas, agudas o cortantes.										
VALORACIÓN DE RIESGOS ANTES DE LAS MEDIDAS											
Probabilidad de acontecer	E	Frecuencia de exposición	F	Máxima pérdida posible	G	Personas expuestas	M	Nivel de riesgo	HRN		
Possible, podría suceder	5	Diario	2,5	Laceración o mal efecto leve	0,5	1-2 personas	1	Bajo, significativa (6-50)	6		
DETALLE DE LA NO CONFORMIDAD CON PROPUESTA DE ADECUACIÓN											
<p>- Añadir protecciones finales, p.e. matacantos, en bandejas, periferia metálica y aberturas de resguardos.</p>											
Possible solución	1- Eliminar cantos vivos y aristas cortantes. 2- Añadir protectores adecuados en la periferia.										
Normas a aplicar											
EN ISO 12100	Seguridad de las máquinas. Principios generales para el diseño, Evaluación del riesgo y reducción del riesgo. (ISO 12100:2010)										
-											
-											
-											
Flabil. Sist. Mando EN ISO 13640-1	Gravedad de la lesión	S	Frec. y/o exposición al pel.	F	Probabilidad de evitar pel.	M	Nivel de prestación requer.	PLr	N/A		

Non-Conformity File

Scope of the service

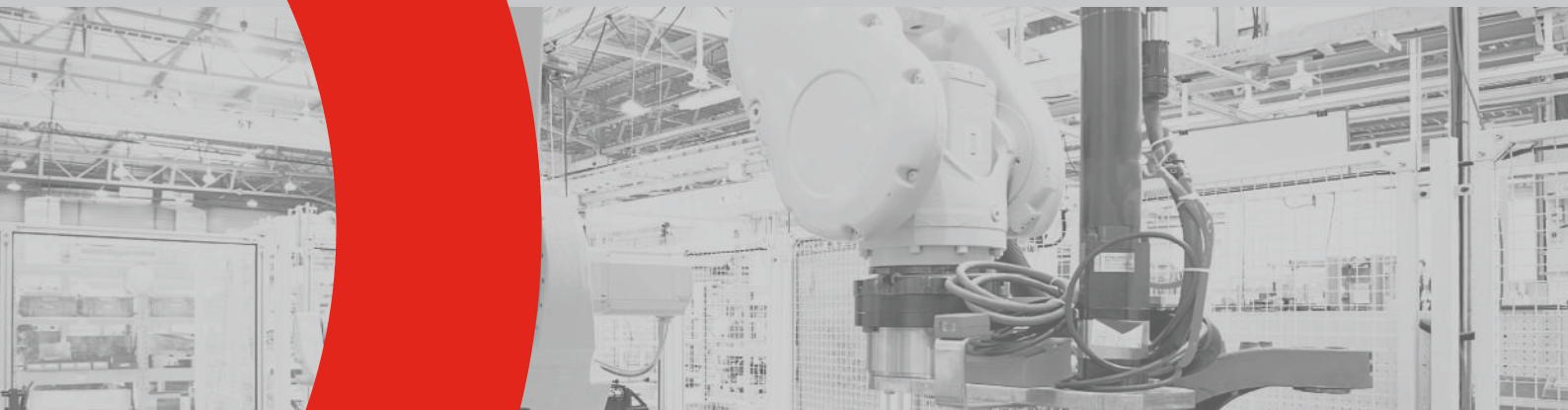
Machinery updates can comprise the following sections: 1, 2 or the combination of 1 + 2.

- 1- Inspection of the machinery and preparation of the Non-Conformity files so that they can be updated by any party.
- 2- Update of the machinery according to i9s' or the end customer's Non-conformity files.

Documentation

The following is delivered with each adjustment:

- Safety Engineering in PDF format.
 - A list of possible Non-Conformities found.
- (In Spanish. Other languages on demand.)



i9s, S.A.

Calle Béjar 91, 1º, 1ª.
(08014) | Barcelona | (Spain)

(+34) 93.113.26.05
i9s@i9s.es
www.i9s.es