

Assembly instruction

Partly completed machinery EN 818 and 1677 acc. to 2006/42/EC

Introductions

This guide is an assembly instruction for link chains for hoists and sling chains in accordance to the harmonized standards EN 818 as for components for lifting means due to the harmonized standards EN 1677.

When assembling the partly completed machinery the following requirements have to be complied, so that the machine can be completed with other parts to a complete one in a proper way without negative impact on safety and health of people.

The assemblage of a partly completed machinery with other parts to a complete one is only allowed to experts due to the harmonized standards EN 818 and EN 1677. These experts have to be familiar with these standards and they have to ensure that these standards are respected.

1. Sling Chains

Sling chains have to be assembled considering the standards EN 818-1, EN 818-2 respectively EN 818-3 plus the standards EN 818-4 respectively EN 818-5 and EN 818-6. Referring to these standards it is expressly pointed out to the content of these standards, so that sling chains can be assembled as partly completed machinery with other parts to a complete machine in accordance to the EU Directive 2006/42/EC without negative impact on safety and health of people:

- EN 818-1: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 818-2 respectively EN 818-3: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 818-4 respectively EN 818-5: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 818-6: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements as well as the annex A.

2. Link Chains for hoists

Link chains for hoists have to be assembled according to the standards EN 818-1 and EN 818-7.

Referring to these standards it is expressly pointed out to the content of these standards, so that link chains for hoists can be assembled as partly completed machinery with other

parts to a complete machine in accordance to the EU Directive 2006/42/EC without negative impact on safety and health of people:

- EN 818-1: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 818-7: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements as well as information for the use and the fitting of the link chains for hoists in the hoist, annex B, annex E.

3. Components for lifting means

Components for lifting have to be assembled according to the standards EN 1677. Referring to these standards it is expressly pointed out to the content of these standards, so that components for lifting means can be assembled as partly completed machinery with other parts to a complete machine in accordance to the EU Directive 2006/42/EC without negative impact on safety and health of people:

- EN 1677-1: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 1677-2: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 1677-3: Introductions, ambit, significant hazards, safety requirements.
- EN 1677-4: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 1677-5: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.
- EN 1677-6: Introductions, ambit, hazards, safety requirements and inspection of the safety requirements.

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