

Guidelines for the Inspection and Safe Use of SUPERCLAMP Equipment

Inspection of SUPERCLAMP Equipment

1) General:

Follow all requirements of laws, rules and regulations applicable in your country pertaining to lifting operations, ensuring all maintenance testing, inspection and operator requirements are strictly adhered to. This is in your interest, and can prevent fatal accidents and industrial disaster.

2) Checklist:

- Is any part of the equipment distorted?
- Are any cracks visible, or is extensive corrosion evident?
- Is any wear evident at suspension points, wheels, shackles, gears, pivots, pins, bolts, threads, springs, or other moving part?
- Are locking arrangements functional and safe?
- Are the safe working load, the serial number and other markings legible?
- Have all inspections or tests been regularly recorded? If not, re-certification should be carried out before use.
- Does the SUPERCLAMP equipment carry its original identification marking?

Safe Use of SUPERCLAMP Equipment

1) Ensure that the selected SUPERCLAMP equipment is of a suitable type for the lifting or suspension operation you intend to undertake.

2) Ensure that structures to which SUPERCLAMP equipment may be fitted are of adequate design and comply with all legal requirements. Structures designed for lifting operation purposes are usually marked with the maximum Safe Working Load which may be applied. Ensure that structures are test certified to such use and that the appropriate certificate is up to date.

3) Never stand beneath a suspended load.

4) SUPERCLAMP products are primarily designed for in-line use only and the equipment is thus marked. Never use SUPERCLAMP products for sideloading applications unless this is specifically recommended on the original SUPERCLAMP identification marking affixed to the unit. If the identification marking states that the unit must be used at 0° (zero degrees) only, then no side loading/angle loading is permitted. E.g. no single point lifting of beams.

5) SUPERCLAMP products must not be attached to defective structures or materials. Ensure that runway beams are fitted with end stops and are free from any defects. Should a defect on a runway beam or structural member be observed, remove the SUPERCLAMP unit immediately and report your observations to the person in charge.

6) When selecting SUPERCLAMP products, ensure that the

calculated Safe Working Load requirement allows for any additional weight of equipment which may be suspended together with the original load to enable the lifting operation to take place.

7) Ensure that all mechanisms on SUPERCLAMP products are working freely before being used for the application intended.

8) Never replace worn components unless these are original SUPERCLAMP parts. Where products are fitted with replaceable jaws, incorporating teeth showing wear, it is strictly prohibited to recut or sharpen these. Cams or jaws incorporating teeth can be easily replaced with original SUPERCLAMP components available from your approved SUPERCLAMP distributor.

9) Always ensure that repaired products are inspected and re-tested in accordance with the laws of your country prior to being released for operation.

10) Ensure that all persons using SUPERCLAMP equipment are properly trained in performing lifting operations and competently using this type of equipment.

11) If multipoint lifting operations are undertaken, always ensure that no single point of lift is at any time required to exceed its maximum Safe Working Load.

12) Never throw or drop SUPERCLAMP equipment, as this may well be hazardous or injure people or plant.

13) If in doubt about the suitability of SUPERCLAMP products for your application, then contact your nearest supervisor.

14) Your nearest SUPERCLAMP distributor will advise you on applications if required.

Special Products

Our drawing office is staffed by experienced Design Engineers who can solve your most difficult problems.

Specials

- 1) Spark Proof Girder Clamps and Trolleys.
- 2) Anti-Corrosive Girder Clamps and Trolleys.
- 3) Man Carrying Girder Clamps and Trolleys.
- 4) ForkLift Attachments
- 5) Gantries.
- 6) Non-Marking Clamps.
- 7) Low Headroom Clamps.
- 8) Clamps and Trolleys with Non-Standard Working Load Limits.
- 9) Clamps and Trolleys to suit Customer Requirements.