

Ancon EdjPro Lifting Systems Compliance and Compatibility

Compliance with Good Practice Guidelines “Safe Work with Precast Concrete” (GPG)

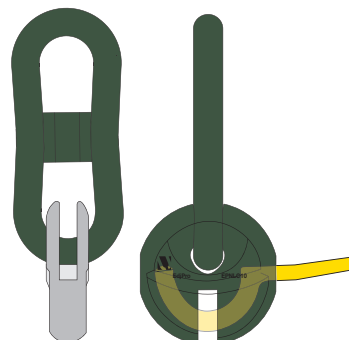
Ancon EdjPro concrete lifting systems and components are proprietary products designed, manufactured and tested to comply with the requirements of “Safe Work with Precast Concrete” – October 2018

Property	GPG Reference	Compliance Statement
Design and Specifications		Leviat develop and control all system and product designs and manufacturing specifications
Testing and Characteristic Strength	Chapter 10.11 Appendix B	All system capacities are based on characteristic strength, evaluated using a 5% fractile (95% probability of exceedance) at a confidence limit of 90%
Factor of Safety	Chapter 6.6	The FoS between the WLL and the Characteristic Strength is: Lifting Clutches: A minimum FoS of 5.0 Cast-In Lifting Inserts: A minimum FoS of 3.0
Ductility - Inserts	Chapter 6.6	Lifting anchors are manufactured from fully killed alloy steels, wrought steel with a grain size less than 6 and total elongation not less than 20% for pearlitic steels and 15% for martensitic steels and when loaded to failure show ductile behaviour with plastic deformation and a 100% fibrous structure
Ductility – Clutches	Chapter 6.6	Ancon EdjPro Clutches are manufactured from ductile materials and when tested to failure: (a) failure occurs in a ductile manner away from any weld zone (b) distortion and plastic deformation of the clutch assembly is evident at failure (c) all fracture faces demonstrate ductile failure mechanisms
Integrity (freedom from cracks and other defects)	Chapter 6.6	Ancon EdjPro lifting clutches are manufactured in accordance with an international standard including Magnetic Particle (crack testing). Every cast or forged clutch component is 100% fluorescent magnetic particle tested in accordance with AS 1171 with an acceptance criterion of no linear indications
Production Control and Validation	Chapter 6.6	Material, heat treatment and mechanical properties are controlled to confirm compliance with specifications for each production batch
Clutch Proof Test	Chapter 10.11	Each Ancon EdjPro Clutch is proof tested to 2 times WLL prior to first sale and uniquely identified by metal stamping traceable to the proof test
Identification	Chapter 10.11	All anchors and clutches are clearly and permanently marked with its WLL

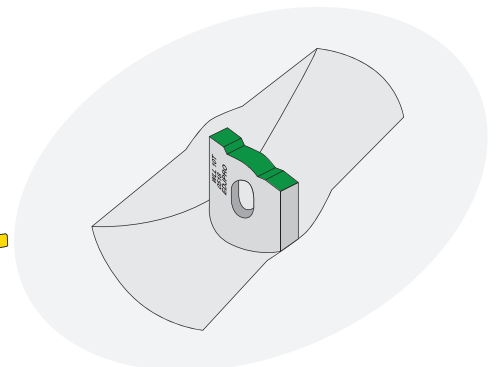
Identification

Genuine Ancon EdjPro products are marked with the following logos and marks:

- The EdjPro anchor face is marked just below the top: “EDJPRO” with the WLL and the batch date.
- EdjPro clutches are easily identified by the figure 8 handle and gold, tapered handle locking ring. The torus is marked just above the side slot with the Ancon ‘U’ logo and EdjPro name on one side and the part code and WLL on the opposite side.



Ancon EdjPro Clutches



Compatibility and Interchangeability

EdjPro Clutches and anchors are generally **incompatible** with devices manufactured by others and should not be interchanged.