



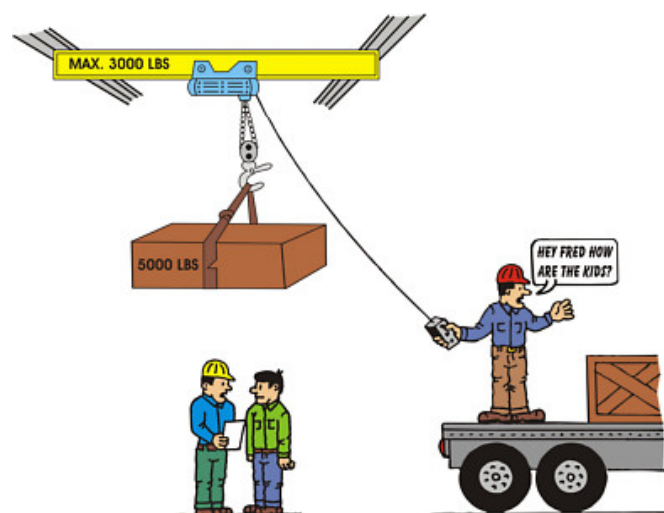
High Risk Licensing and Designed Lifts (Non-Riggers)



The Problem

- 70+ year old business
- For tasks not covered by Training Modules and National Competencies... Operators learn by watching others.
- Some routine daily lifting tasks come to be considered as a means to an end rather than a “procedure” worthy of an SOP.
- Up to 50 tonne loads (parent reels); untrained personnel; complacency with respect to suspended loads.
- Lifts using (for example) machine rope; poor rigging practices.

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Typical Loads

- Parent reels from Reeler to Winder (up to 50 tonnes).
- Product reels from Machine floor to Basement (up to 5 tonnes).
- Palletted loads & chemical bulkies through hatchways (up to 2 tonnes).
- Bulky bags (e.g. starch/TiO₂) up to 1 tonne.
- Core packs through hatchways (up to 300 kg).
- Up to 40 different lifts

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Typical Rigging Errors – Potential outcomes

- Underrated lifting tackle – broken tackle – dropped load.
- Inappropriate tackle configuration – broken tackle – dropped load.
- Damaged lifting tackle – returned to service – dropped load.
- Overloaded or shock-loaded cranes – damage to cranes.
- Unbalanced loads – loads swinging out of control – asset damage.
- Dropped loads – serious injury.



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The Solution

- Designed Lift Work Instructions ([DLWI](#)) or...
Qualified Riggers or Dogmen (Management discretion).
- DLWI not a new concept. Used at Maryvale for simple routine lifts.
Remove requirement for rigging judgement to be exercised.
- Sign-off by Advanced Rigger.
- Face-to-face awareness / training / assessment / sign-off.
- High Risk Licence training for bottom position (Day Cleaner / General Hand / Utility). Skills filter up through Operations personnel.

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Problems solved / Remaining issues

- Safe Work Instructions for simple (but hazardous) lifting tasks.
- DLWIs transferrable to other Machines/Areas where similar lifting takes place.
- Higher skill base (but competence comes with experience!)
Overconfidence from trained personnel can be more dangerous than wariness from untrained personnel. Respect for lifting is essential.
- More tasks may be identified as candidates for DLWI.
- Audits/inspections required to check that DLWIs are being followed.
Constant surveillance/education.