

## MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS GENERAL RISK ASSESSMENT

<b>REF No:</b>	NTET RA-TD1	<b>ACTIVITY:</b>	THRESHING DRUM DEMONSTRATION
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### DETAILS of TASK/OPERATION BEING ASSESSED

<b>Name of Event</b>			
<b>Location</b>			
<b>Date of Assessment</b>		<b>Assessed by</b>	

### PURPOSE/METHOD OF WORK

It is essential for Operators to understand the correct procedures and familiarise themselves with the equipment before starting work.

- 1) Park 'rick trailer' closely adjacent to threshing drum ensuring chocks are in place or brakes are applied
- 2) Start prime mover and ensure correct running speed is reached
- 3) Ensure all attached machinery is running correctly
- 4) Start manual operations
- 5) Move full grain bags away from work area
- 6) On completion of demonstration stop drum from rotating
- 7) Clean working area

#### NOTE

Where practical ensure that moving parts are guarded

Ensure Public are at least 3 metres from the equipment

Appoint a lead hand/foreman. Ensure that all operators understand the signalling arrangements to the driver of the prime mover

Ensure that working areas are free from debris

Ensure that Sheaf cutting knife is kept sharp and is suitably attached to operator to prevent falling into moving machinery

Ensure ladders and access platforms are secure

Keep apparatus free from chaff or other waste materials but clean out shaker panels and husk collectors only when machinery is stropped

#### WARNING

Never use the threshing drum and attached equipment with safety devices removed or out of order

Do not leave the threshing drum unattended while it is running

Never remove safety guards from the threshing drum or attached equipment

### SPECIFIC LEGISLATIVE REQUIREMENTS

HASAW Act 1974  
 Management of Health and Safety at Work Regulation 1999  
 PUWE Regulation 1998  
 Manual Handling Regulation 1992  
 Safe Use of Work Equipment Provision and Use of Work Equipment  
 Management of Health and Safety at Work Reg. 1992 (MHSW)  
 COSHH Reg  
 Simple Guide for Provision & Use of Work Equipment 1998  
 Lifting Equipment Regulations 1998 (LOLER)  
 Control of Noise at Work Regulation 2005

### LEVEL OF SKILL/TRAINING REQUIRED

All persons involved in operations should receive appropriate training and information regarding the specific control measures.  
 Only operators who have been authorised as being fully trained and competent should be allowed to operate machines.  
 Training in shut down procedures  
 Manual Handling  
 Refresher training should be carried out on a regular basis.

<b>CHEMICALS/MATERIALS INVOLVED</b>	<b>RA NO.</b>	<b>ASSESSMENT DATE</b>	<b>SPECIFIC WORK EQUIPMENT PROVIDED</b>
Chaff and Straw	N/A		Soft hand brush, pitchforks, dust masks, goggles

<b>MAIN HAZARDS IDENTIFIED</b>	<b>WHO WILL BE AFFECTED</b>	<b>CONTROL MEASURES TO REDUCE THE RISK</b>
1. Changing of Belts	Demonstrator Crew	Compliance with acknowledged procedures
2. Vibration	Demonstrator Crew	A safe system of working should be implemented.
3. Noise	Demonstrator Crew	Ear defenders should be worn where there is a source of excessive noise.
4. Corn Dust/Chaff	Demonstrator Crew	Operatives to wear face masks where appropriate. A suitable restricted area for crew around the equipment should be marked. Public should not be allowed in the area when the equipment is in operation.
5. Cuts from handling corn	Demonstrator Crew	Wear gloves when moving and lifting sheaves.
6. Strains/sprains from lifting/carrying bags of grain	Demonstrator Crew	Carry out manual handling assessment. Basic Manual Handling training for operatives. Seek assistance with heavy/awkward loads. If possible when handling awkward or heavy sections may need to break/dismantle into manageable pieces. Use mechanical aids where possible for transporting materials.
7. Slips and trips	Demonstrator Crew	Ensure good housekeeping at workplace is maintained to practical health and safety standards. Keep floor around work area free of oil, grease and loose straw, chaff and equipment. Ensure that materials are stored within the allocated/demarcated areas to avoid encroaching onto walkways, etc.
8. Eye injury/eye irritation	Demonstrator Crew	Wear eye protection where eye injury likely i.e. to protect against dust. Avoid contact with lubricants.
9. Skin irritation	Demonstrator Crew	Avoid contact with lubricants. Wear gloves when handling irritants Good hygiene principles i.e. wash hands before eating, drinking and after work is completed
10. Foot injury	Demonstrator Crew	Wear safety footwear if risk of penetration/injury, incorporate mid-sole protection.
11. Fire	Demonstrator Crew	Ensure good housekeeping. NO SMOKING. Ensure that all crew are aware of the fire procedures in place. Ensure appropriate fire extinguisher available to hand when carrying out work
12. General	Demonstrator Crew	Control/restrict access to workplace
13. Contact with machinery	Demonstrator Crew	All guards and covers to be in place
14. Contact with open drive belt	Demonstrator Crew	Restrict access to belt area where possible. Ensure practical Health & Safety standards are maintained
15. Inclement Weather	Demonstrator Crew	Stop/limit demonstration