

# SPECIALIST MALT KILN FOR PEATED WHISKY

**Don Valley Engineering** won a competitive tender to supply a specialist kiln for producing peated malt for the production of malt whisky. The company's significant knowledge of this type of equipment meant the client would get a functional & robust plant suitable for the severe operating conditions created by the peat smoke.

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| <b>Client:</b>     | Muntons Plc    |
| <b>Location:</b>   | East Yorkshire |
| <b>Duration:</b>   | 16 months      |
| <b>Completion:</b> | Late 2019      |
| <b>Value:</b>      | £2,500,000     |
| <b>Contract:</b>   | I.Mech.E. MF/1 |



- Specialist vessel to process 60Te of barley
- All stainless steel construction to prevent phenol corrosion
- Specialist feed conveying intake handling wet grain
- Design to minimise fire risk associated with peat burning
- Principal Contractor +£6M contract

Don Valley won a competitive tender to design, supply, install and commission a specialist kiln for producing peated malt.

Producing peated malt is a specialist process and equipment has to cope with corrosion from the phenols in the peat smoke, tarring of equipment and the risk of fire caused by peat embers.

The system took in partly processed wet grain from a nearby plant, again a difficult and specialist product to handle.

The scope of works consisted of :

- Full stainless steel construction peat kiln
- Stainless steel loading/unloading machine
- Kiln heating system including fan, combustion chamber, stainless ducting, control dampers and 25m chimney
- Green malt lorry tip belt feeder
- Kiln feed green malt belt conveyor
- Kiln discharge conveyor
- Fire suppression spray system