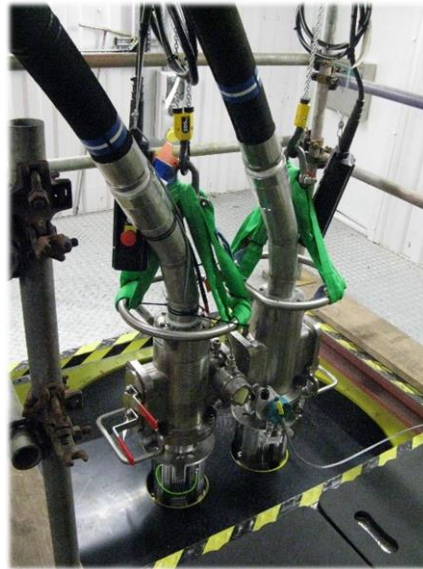


# Case Study

<b>Capability:</b>	Specialist Engineering
<b>Client:</b>	Magnox
<b>Location:</b>	Hinkley Point A
<b>Project:</b>	DCICCS Connection Devices Type CD1 and CD2
<b>Contract:</b>	Design, build & associated works



## Description

The Ductile Cast Iron Container Connection System (DCICCS) Connection Device CD1 & CD2 are part of Phase 1 of the settling Tank 1, 2 & 3 Inventory Relocation Project. During phase 1 intermediate level waste is to be transferred from the tanks using peristaltic pumps rated at 15bar maximum pressure to specially designed Ductile Cast Iron Containers. The 316 stainless steel DCICCS Connection Devices fit onto the Ductile Cast Iron Containers as part of the transfer system and controls the filling of the containers.

CD1 is the fill head and is used for filling the Ductile Cast Iron Containers with waste, CD2 is the service head with a camera and high level trip fitted and is used in conjunction with the fill head.

