Carbon Capture, Utilisation & Storage (CCUS)

CCUS helps prevent large amounts of CO₂ emissions from entering the earth's atmosphere, by safely storing or reusing it in helpful ways. CCUS plays a critical role in decarbonising our planet.



Power stations burn fossil fuels that emit CO_2 . CO_2 is separated from other waste gases and removed so that it does not enter the earth's atmosphere.

 CO_2 is compressed and transported by pipeline or ship. Industrial seals are used to minimise leakage.

Our products support each part of the CCUS process:

Mechanical seals: Enable safe flow of fluids or liquids and gases, preventing or minimising leakage.

Power transmission couplings: Manage power flow and reduce shock loads to decrease wear and tear.

CO₂ is reused in many industries, from food and drink production to fertiliser for agricultural use, to synthetic fuels, and more.

 CO_2 is stored safely underground, e.g., in depleted oil or gas fields.

Seal support systems: Extend the expected lifetime of seals by providing real-time, digital maintenance.

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CAPTURE

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MECHANICAL SEALS

Enable safe flow of fluids or liquid and gases, preventing or minimising leakage.

POWER TRANSMISSION COUPLINGS

Manage power flow and reduce shock loads to decrease wear and tear.

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SEAL SUPPORT SYSTEMS

Extend the expected lifetime of seals by providing real-time, digital maintenance.

FILTRATION SYSTEMS

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TRANSPORT

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STORE



MECHANICAL SEALS

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POWER TRANSMISSION COUPLINGS

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SEAL SUPPORT SYSTEMS

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FILTRATION SYSTEMS