



IPU Starting Case Study

Air Start Packages – Sakhalin Island

APPLICATION: LNG plant
LOCATION: Sakhalin Island (Russia)
ENGINE: Caterpillar 3612

SOLUTION:

The compressed air system was designed for primary starting of a CAT 3612 emergency power generator located in an LNG plant. The environmental operating conditions with extreme temperature ranges of -36°C to $+35^{\circ}\text{C}$ was a major consideration in the selection of appropriate materials and components.

The system was required to give six 15 second cranking cycles and for operation in a Zone 2 environment. The compressor units were sized to give a refill time of the two 1000 litre air receivers within 15 minutes. The system was fitted with absorption driers and the compressors were installed inside thermal and sound insulation enclosures. All pipe work, valves and fittings were in stainless steel and the complete package was finished to an offshore paint specification. The finished system was delivered with full GOST certification.



For more information contact a member of our Starting Sales Team on +44 (0) 121 511 0400



IPU GROUP Engine Starting Division

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