

Applications

Ex SCS is a versatile safety shutdown and rotating equipment control and monitoring system.

It can be used on a variety of diesel and gas engines where Category 3G hazardous area control systems are required.

It is best suited to modern electronic diesel engines where connectivity and seamless integration deliver benefits for the operator in terms of overall installation and lifetime costs.

The Main Electrical enclosure protection concept allows Zone 1 certification, the HMI is certified for Zone 2.

Example uses:

Emergency diesel generator set (DGS), essential DGS, fire water pump DGS, well test air compressors, camp / maintenance power DGS, twin cementers, single pumpers, nitrogen units, coil tubing HPU's, work over HPU's, scale pumps, steam boilers, rig cooling pumps, HP and UHP water jetting pumps.



CERTIFICATION

The Pyroban Ex SCS safety shutdown system is suitable for operating in a zone 1 hazardous area, when installed according to manuals POM1114, POM1115 and POM1116.

The individual supplied components that make-up the shutdown system all carry their own certification as listed in the table below.

Ex SCS COMPONENT	ATEX CERTIFICATION	IECEX CERTIFICATION
Ex SCS Controller	16ATEX0157X	SEV16.0012
IR Gas Detector(s)	01ATEX129485X	ULD04.0002X
IR Gas Detector(s)	12ATEX1206X	BAS09.0109X
Speed Sensor	17ATEX0238	IECEX EXV 17.004
Temperature Transmitters	10ATEX88834X	IECEX DNV08.007
Oil Pressure Switch	12ATEX17511X	ITS12.0007X
HMI	17ATEX1900X	IECEX UL 17.0058X