

KE203/7

iv) Technical Dataa) Supply Fan (EQ-18-1)

Manufacturer..... Woods of Colchester Limited

Type..... Axial Flow Fan

Model..... 19J-D71

Duty - Air Volume..... $1.18\text{m}^3/\text{s}$

- Static Pressure..... 90Pa

Motor - Type..... T.E.F.C.

- Power..... 0.37kW

- Speed..... 1440 r.p.m.

- Full Load Current..... 1.1 Amps

- Electrical Supply..... 400v/3ph/50Hz

b) Silencer (EQ-18-2)

Manufacturer..... Woods of Colchester Limited

Area Served..... Penstock Access Tunnel
System

Model..... 19 Bb-ID

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1.2.10 - ^{Outlet} Low Level Access and Control Gallery Ventilation System

i) Associated Record Drawings

<u>Drawing Ref.</u>	<u>Title</u>
223-9227	Ductwork - Low Level Extract - Sheet 1
223-9291	Ductwork - Low Level Extract - Sheet 2
223-9294	Ductwork - Low Level Extract - Sheet 3

ii) General Description

Air is extracted from the area via a number of grilles and is conveyed by a range of sheet metal ductwork. The ductwork runs to two extract fans (one duty, one standby) which discharges the air to atmosphere via an external louvre.

Volume control dampers are installed at various points to enable the correct balancing of the system to be achieved.

iii) Equipment Schedule

Equipment Ref.	Unit	Qty	Function of Unit	Manufacturer/Supplier	Model/Type	For Maintenance Refer to:-
EQ-19-1	Extract Fans	2	Extract Ventilation	Woods of Colchester Ltd	19J/F2225	3.2.1 & 3.3.2
EQ-19-2	Starter Panel	1	Extract Ventilation	Automated Systems Ltd	Custom	3.3.2
EQ-19-3	Grilles	6	Extract Ventilation	Senior Colman Ltd	GBXV	3.3.2
EQ-19-4	Ductwork	1 Set	Extract Ventilation	Hall & Kay Eng. Ltd	DW 142	3.3.2
EQ-19-5	Brackets	1 Set	Extract Ventilation	Hall & Kay Eng. Ltd	Various	-
EQ-19-6	Volume Control Dampers	2	Extract Ventilation	Waterloo Grille Ltd	VCD	3.3.2
EQ-19-7	Extract Louvre	1	Extract Ventilation	Senior Colman Ltd	W. Series	3.3.2