Quad-L controls

2888 St. Rt. 132 New Richmond, OH 45157 (513) 553-0995 Ph. (513) 553-0996 Fax

OWNERS MANUAL

PROJECT:

TEXAS TURNPIKE AUTHORITY

ADDISON AIRPORT TUNNEL

EQUIPMENT:

VENTILATION FAN

CONTROL PANEL

MANUFACTURER:

QUAD-L CONTROLS

SERIAL:

PAN2-0115

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TABLE OF CONTENTS

CONTROL PANEL

SEQUENCE OF OPERATION

CONTROL POWER WIRING DIAGRAM

PRODUCT LITERATURE

PILOT LIGHTS

PUSH BUTTONS

RELAYS

TIMERS

TERMINAL BLOCK

SEQUENCE OF OPERATIONS

The fan control system shall be interlocked with the fire alarm system, the carbon monoxide system, and the manual controls such that the following sequences occur:

- 1. A signal from a pull station or heat detector east of Sta. 18+00 shall start all tunnel ventilation fans in the "Discharge East" mode. A signal from a pull station or heat detector west of Sta. 18+00 shall start all tunnel ventilation fans in the "Discharge West" mode. If signals are received from heat detectors or pull stations on both sides of Sta. 18+00, "Discharge West" mode.
- 2. A signal from any carbon monoxide sensor shall start all tunnel ventilation fans in the "Discharge West" mode.
- 3. Commands from the fire alarm system shall take precedence over commands from the carbon monoxide system.
- 4. Commands from the control panel pushbuttons shall take precedence over all other commands.
- 5. Each individual fan shall be capable of being stopped or started in either direction from the control panel.

	pri	ga.min. SS 4x	AE1014 30X30X12	PANEL RITTAL						٠	FOST BOLLON (13F.)	MOMENTARY CONTACT -				BLACK WITH WHITE LETTERS	TAGS PLASTIC	
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-				ON12) [2]	ON10	E F	© ON8	E.	ON6)R) L6:	ON4	<u> </u>	ON2	य ख्र	DISCHARGE EAST		
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	EAST PORTAL	•	VF-6		Ø A2		Ø An		7		(E)		<u>≅</u>		Ø &	VIBRATION ALARM	VIBRATION INDICATOR	

INDICATING LIGHT (TYP.)