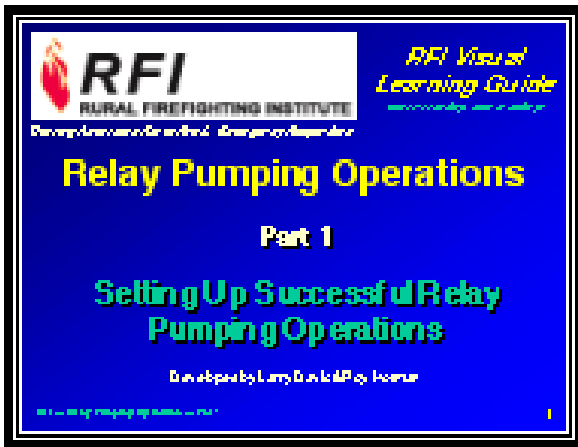


An RFI Visual Learning Guide — *Relay Pumping Operations* — Part 1



This **RFI Visual Learning Guide** has been designed to provide the learner with a thorough understanding of how to set up successful relay pumping operations.

Uses:

- For use as a self-paced learning tool by an individual.
- For use by instructors and trainers who are looking for a new and unique program to help teach relay pumping operations.
- For those looking for new and unique photos and illustrations to enhance existing programs.

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CD in PC and Mac format includes:

128-slide PowerPoint program with:

- 60 photos
- 23 illustrations
- 8 charts and tables

Samples Slides

A Closed Relay to Supply A Fire Attack Operation

An Open Relay to Supply A Tanker Fill Operation

2-Pumper Closed Relay Examples

Maximum Pumping Distances — 1030 gpm

Flow Rate (gpm)	100'	200'	300'	400'	500'	600'	700'	800'	900'	1000'
100	100	100	100	100	100	100	100	100	100	100
150	150	150	150	150	150	150	150	150	150	150
200	200	200	200	200	200	200	200	200	200	200
250	250	250	250	250	250	250	250	250	250	250
300	300	300	300	300	300	300	300	300	300	300
350	350	350	350	350	350	350	350	350	350	350
400	400	400	400	400	400	400	400	400	400	400
450	450	450	450	450	450	450	450	450	450	450
500	500	500	500	500	500	500	500	500	500	500
550	550	550	550	550	550	550	550	550	550	550
600	600	600	600	600	600	600	600	600	600	600
650	650	650	650	650	650	650	650	650	650	650
700	700	700	700	700	700	700	700	700	700	700
750	750	750	750	750	750	750	750	750	750	750
800	800	800	800	800	800	800	800	800	800	800
850	850	850	850	850	850	850	850	850	850	850
900	900	900	900	900	900	900	900	900	900	900
950	950	950	950	950	950	950	950	950	950	950
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Example: With a discharge distance of 1000 feet, a 1030 gpm pumper can supply 1000 feet of discharge to a pumper at the end of the line. The pumper can supply 1000 feet of discharge to a pumper at the end of the line. The pumper can supply 1000 feet of discharge to a pumper at the end of the line. The pumper can supply 1000 feet of discharge to a pumper at the end of the line.

Piston Brake (slow operating) Valve