Office of the State Fire Marshal
Div. of Personnel Standards and Education
1035 Stevenson Dr.
Springfield, Ill 62703-4259

NAME:_____ **DATE:**_____
FIRE DEPT. AFFILIATION:_____ **D.L. #**_____

FIRE APPARATUS ENGINEER PRACTICAL EXAMINATION KEY

EVOLUTION #1 HAND LINE OPERATIONS:		STUDENT'S ANSWER	POINTS
A. _____	Problem #_____	_____	_____
B. added to A	Problem #_____	_____	_____
C. added to A + B	Problem #_____	_____	_____
Static Pressure		_____	_____
Determine the number of additional lines available on either Problem A, B or C		_____	_____

MISCELLANEOUS OPERATIONS:

	POINTS
a. Gates and feathers to maintain existing lines within 10 psi of the required pressure	_____
b. Changeover valve correct.	_____
c. Sets relief valve	_____
d. Obtains and maintains water supply for evolution correctly.	_____
e. Adjusts throttle safely and correctly.	_____
Total Points Evolution #1	_____

Lead Instructor:_____
Lead Instructor's S.S. #_____
Evaluator:_____
Evaluator's S.S. #_____
Witness_____

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FIRE APPARATUS ENGINEER PRACTICAL EXAMINATION KEY

EVOLUTION #2		**STUDENT'S ANSWER**	**POINTS**
CHARGED LINE PROBLEMS:			
A. Master Stream	Problem #_____	_____	_____
B. Wye (added to A)	Problem #_____	_____	_____
MENTALLY CALCULATED PROBLEMS:			
A. Master Stream	Problem #_____	_____	_____
B. Master Stream	Problem #_____	_____	_____
C. Wye	Problem #_____	_____	_____

MISCELLANEOUS OPERATIONS:
a. Gates and feathers to
maintain existing lines within
10 psi of the required
pressure   _____
b. Changeover valve correct.   _____
c. Sets relief valve   _____
d. Obtains and maintains
water supply for evolution
correctly.   _____
e. Adjusts throttle safely and
correctly.   _____

Total Points Evolution #2   _____
Total Points Evolution #1   _____

TOTAL PRACTICAL EXAM SCORE (EVOLUTIONS #1 AND #2)   _____

Lead Instructor:_____
Lead Instructor's D.L. #_____
Evaluator:_____
Evaluator's D.L. #_____
Witness_____