



Fire Protection Training

Procedures Handbook 4300

PUMP CONFIGURATION ON CDF
MODEL #10 AND #12 ENGINES

NAME: _____

DATE: _____

	<u>POINTS</u>
1. What is the purpose of a sump on a model #10 or #12 engine? _____	<u>20</u>
2. What type oil is used in the primer reservoir? _____	<u>20</u>
3. Which fire pump is used for mobile operations? _____	<u>20</u>
4. What is the purpose of the tank suction valve? _____	<u>20</u>
5. When is the tank fill valve used as a churn valve? _____	<u>20</u>

POINTS POSSIBLE: 100

POINTS DEDUCTED: _____

FINAL SCORE: _____



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KEY

NAME: _____

DATE: _____

	<u>POINTS</u>
1. What is the purpose of a sump on a model #10 or #12 engine?	
TO COLLECT SAND AND SMALL ROCKS AND KEEP THEM OUT OF THE PUMP.	
	20
2. What type oil is used in the primer reservoir?	
ENGINE OIL	
	20
3. Which fire pump is used for mobile operations?	
THERE IS ONLY ONE FIRE PUMP ON THIS MODEL.	
	20
4. What is the purpose of the tank suction valve?	
ALLOWS TANK WATER TO ENTER THE PUMP WHEN NEEDED AND CAN ISOLATE TANK WATER FROM PUMP AT OTHER TIMES.	
	20
5. When is the tank fill valve used as a churn valve?	
WHENEVER YOU ARE PUMPING THE TANK FILL (CHURN) VALVE SHOULD BE OPENED UNTIL THE ENGINE PRESSURE GAUGE SHOWS A 10 PSI DROP TO COOL THE PUMP COMPONENTS.	
	20

POINTS POSSIBLE: _____
100

POINTS DEDUCTED: _____

FINAL SCORE: _____



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