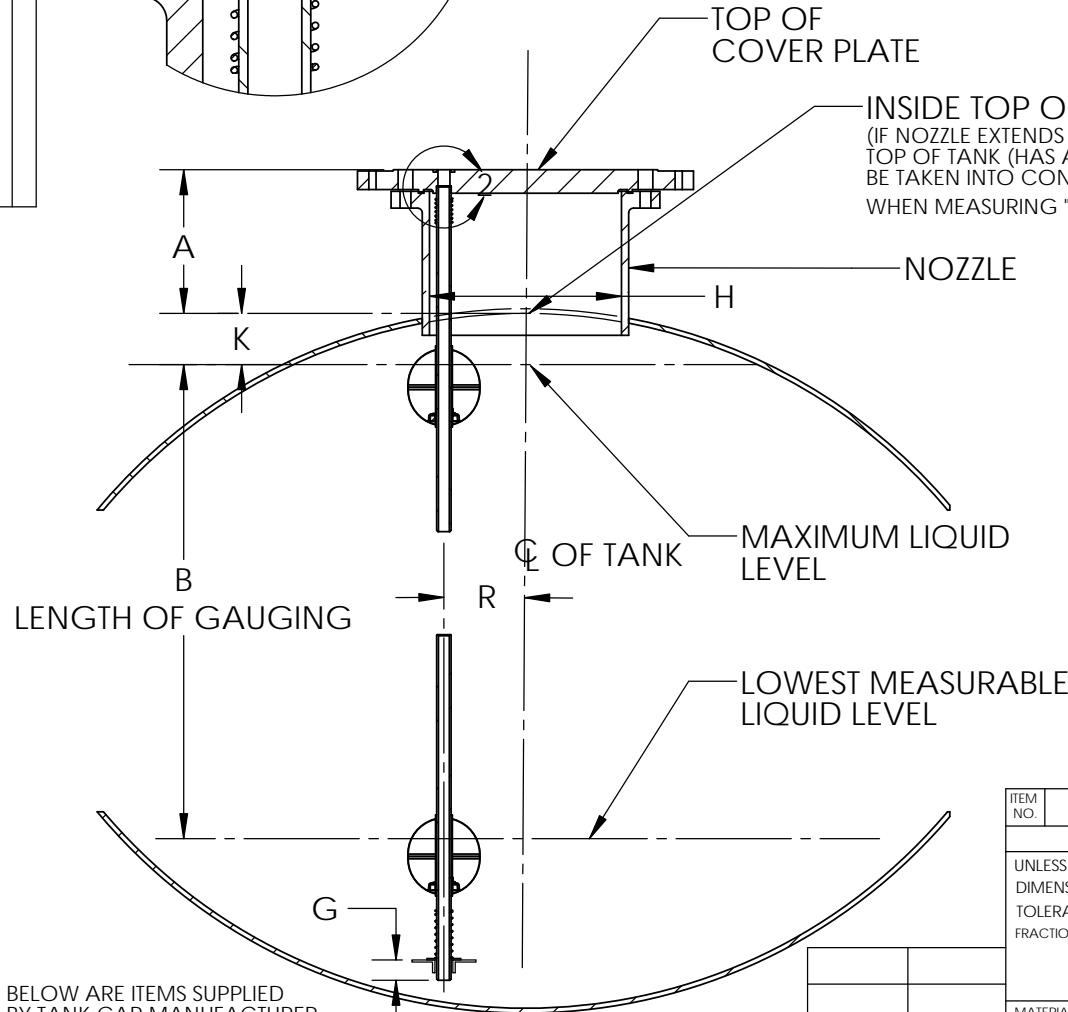
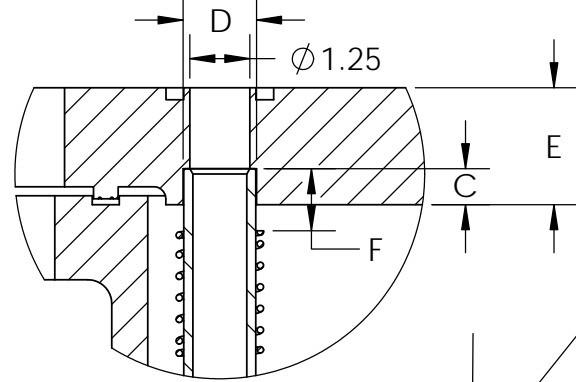


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF METAL GOODS MANUFACTURING. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF METAL GOODS MANUFACTURING IS PROHIBITED.



- A= _____ = DISTANCE FROM TOP OF COVER PLATE FLANGE TO INSIDE TOP OF TANK
 - B= _____ = LENGTH OF GAUGING
 - C= _____ = INSERT DEPTH OF TUBE
 - D= _____ = I.D. OF TUBE SOCKET
 - E= _____ = THICKNESS OF MANWAY FLANGE (THIS MEASUREMENT SHOULD BE TAKEN AS CLOSE AS POSSIBLE TO THE MOUNTING LOCATION OF THE DEVICE)
 - F= _____ = DISTANCE TO MOUNT UPPER SPRING FROM TOP OF GUIDE TUBE
 - G= _____ = DISTANCE FROM TOP OF SUPPORT BRACKET TO BOTTOM OF TUBE
 - H= _____ = I.D. OF MANWAY NOZZLE
 - K= _____ = UNMEASURABLE LENGTH OF GAUGING AT TOP OF TANK (CALCULATE IF FLOAT IS NOT ABLE TO ENTER THE NOZZLE. THIS DIMENSION IS USED WHEN THE "R" DIMENSION IS A FACTOR)
 - R= _____ = MOUNTING OF GAUGING DEVICE IS OFF CENTER OF COVER PLATE
 - BL= _____ = BUOYANT LENGTH ABOVE LIQUID
 - US= _____ = UPPER SPRING LENGTH (2 5/8")
 - LS= _____ = LOWER SPRING LENGTH (5 1/4")
 - ID= _____ = INSIDE DIAMETER OF TANK
- STANDARD MOUNTING _____ (4 - 7/8" HOLES ON A 4 1/8" BC, 2.245" X 1.505" TONGUED
 NON STANDARD MOUNTING: _____

1ST COMMODITY _____ S.G. _____
 2ND COMMODITY _____ S.G. _____
 CAR NUMBER(S) _____
 CAR OWNER IF DIFFERENT FROM PURCHASER _____

MEASURE OUTAGE, _____ INCHES, _____ INNAGE, _____ MM
 TANK TEST PRESSURE _____, TEMP RANGE _____
 CLASS OF CAR _____
 SERIAL NUMBER: _____
 SPECIAL NOTES: _____

- BELOW ARE ITEMS SUPPLIED BY TANK CAR MANUFACTURER OR TANK CAR REPAIR SHOP.
- GUIDE TUBE SUPPORT BRACKET
 - STUDS
 - FLANGE GASKET

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY RECD
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		METAL GOODS MANUFACTURING 309 W. HENSLEY BLVD. BARTLESVILLE, OK. 74003 (918) 336-4282 275 MGM GAUGING DEVICE (INFORMATION NEEDED SHEET)
TOLERANCES ARE:		APPROVALS	DATE	
FRACTIONS DECIMALS ANGLES		DRAWN HARLEY	2-23-12	
.XX +/- .02 + 1		CHECKED		
.XXX +/- .005		RESP ENG		
MATERIAL --		MFG ENG		
FINISH --		QUAL ENG		
NEXT ASSY	USED ON	DO NOT SCALE DRAWING		SIZE A DWG. NO. 275-INSTALL REV. 1
APPLICATION		SCALE	PART NO.	SHEET: 1