

- 1) MOVE THE RYDLYME CART TO THE WORKSPACE.
- 2) ENSURE THAT THE VALVES ARE SET ACCORDING TO THE TABLE BELOW.

VALVE	PRIOR/POST OPERATION	DURING OPERATION
SUCTION	OPEN	OPEN
BYPASS	OPEN	CLOSED
SUPPLY	CLOSED	CONNECTED VALVE(S) OPEN
RETURN	CLOSED	CONNECTED VALVE(S) OPEN

- 3) ENSURE THAT THE TRAY DRAIN CAP IS INSTALLED.
- 4) ENSURE THAT THE START/STOP SWITCH IS IN THE STOP POSITION.
- 5) CHECK THE PH LEVEL OF THE RYDLYME SOLUTION (MA-351080). IF THE PH LEVEL IS ABOVE 4.0 CONTACT YOUR SUPERVISOR.

NOTE(S):

REFERENCE MATERIAL SAFETY DATA SHEET NUMBER 6411 FOR HANDLING AND DISPOSAL OF THE RYDLYME SOLUTION.

- 6) CONNECT THE RYDLYME CART TO THE PROPER POWER SOURCE.
- 7) CONNECT THE MAGNET TO ONE OF THE SUPPLY VALVES ON THE RYDLYME CART.

REV.	DESCRIPTION	DRAWN	DATE
		APPD.	DATE
A	INCORPORATED RYDLYME PART NUMBER TO STEP 5. TRR NO. 0555	T.S.	8/27/96
		<i>E.C.S.</i>	8/27/96

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	B. JENSEN	7/15/96
FRACTIONS	DECIMALS	ANGLES	DRAWN	T. SKWERES	7/24/96
-	+	*	CHECKED	J. CARSON	7/30/96
1. BREAK ALL SHARP EDGES 1/64 MAX. 2. DONOT SCALE DWG. 3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD's.			APPROVED	J. CARSON	7/30/96
			USED ON		5525-MB-331943
<input checked="" type="checkbox"/> MAX. ALL MACHINED SURFACES			MATERIAL		
			N/A		
 <b>FERMI NATIONAL ACCELERATOR LABORATORY</b> U.S. DEPARTMENT OF ENERGY					
<b>TS/MAGNET DESIGN &amp; FABRICATION</b> <b>RYDLYME WASHOUT SYSTEM</b>					
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- 8) CONNECT THE MAGNET TO ONE OF THE RETURN FITTINGS OF THE RYDLYME CART.
- 9) PLACE THE START/STOP SWITCH IN THE START POSITION.
- 10) OPEN THE RETURN AND THE SUPPLY VALVES TO WHICH THE MAGNET IS CONNECTED TO.
- 11) CLOSE THE BYPASS VALVE.
- 12) CIRCULATE THE RYDLYME SOLUTION FOR A PERIOD OF 1 TO 1.5 HOURS OR AS DESCRIBED IN THE APPROPRIATE TRAVELER OR VENDOR / REQUISITIONER DOCUMENTATION.

NOTE(S):

DO NOT CIRCULATE MATERIAL FOR MORE THAN 4 HOURS WITHOUT CONSULTING THE MANUFACTURER.

- 13) OPEN THE BYPASS VALVE.
- 14) CLOSE THE SUPPLY VALVE.
- 15) PLACE THE START/STOP SWITCH IN THE STOP POSITION.
- 16) DISCONNECT THE SUPPLY LINE FROM THE MAGNET. MOMENTARILY OPEN THE SUPPLY VALVE TO RELIEVE THE PRESSURE BETWEEN THE VALVE AND THE QUICK DISCONNECT.
- 17) CONNECT THE MAGNET SUPPLY TO A HOUSE AIR SOURCE AND FLUSH OUT ANY RESIDUAL RYDLYME SOLUTION BACK INTO THE HOLDING TANK.

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18) CLOSE THE RETURN VALVE.

19) DISCONNECT THE RETURN LINE FROM THE MAGNET.  
MOMENTARILY OPEN THE RETURN VALVE TO RELIEVE THE PRESSURE  
BETWEEN THE VALVE AND THE QUICK DISCONNECT.

20) PLACE THE COVER BACK ON THE TANK.

21) CONNECT THE RINSE WATER (ICW OR DOMESTIC COLD WATER) SUPPLY TO THE MAGNET.

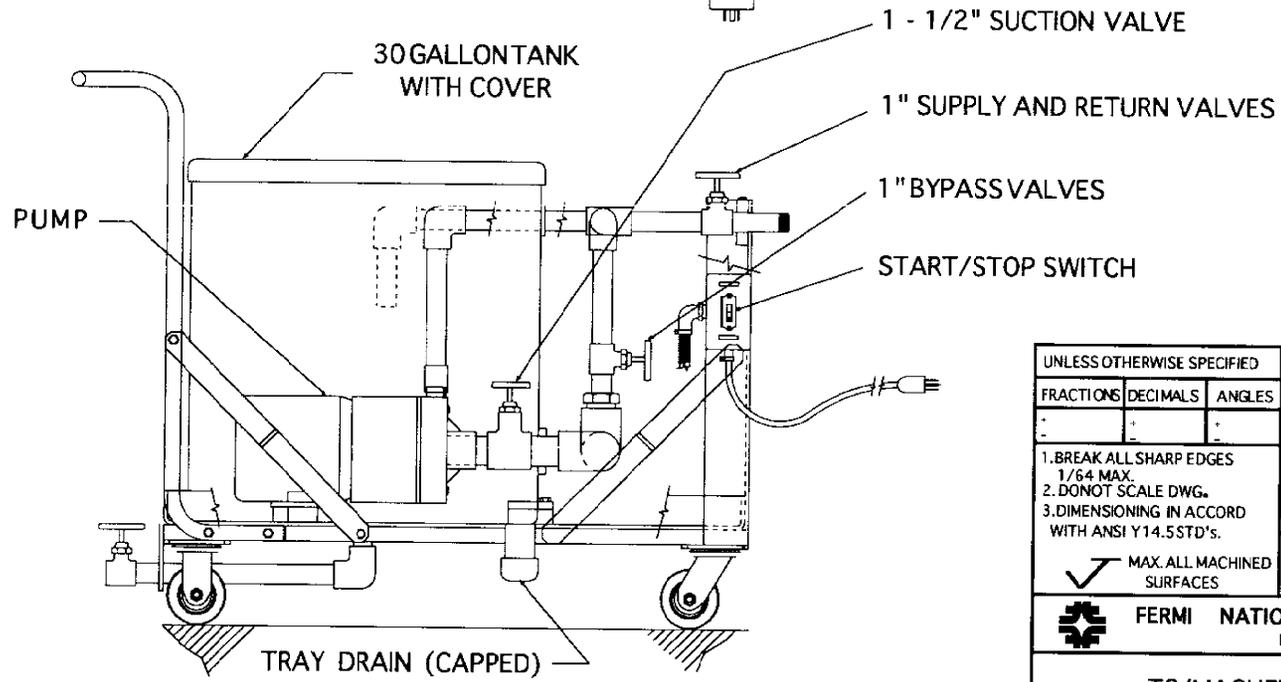
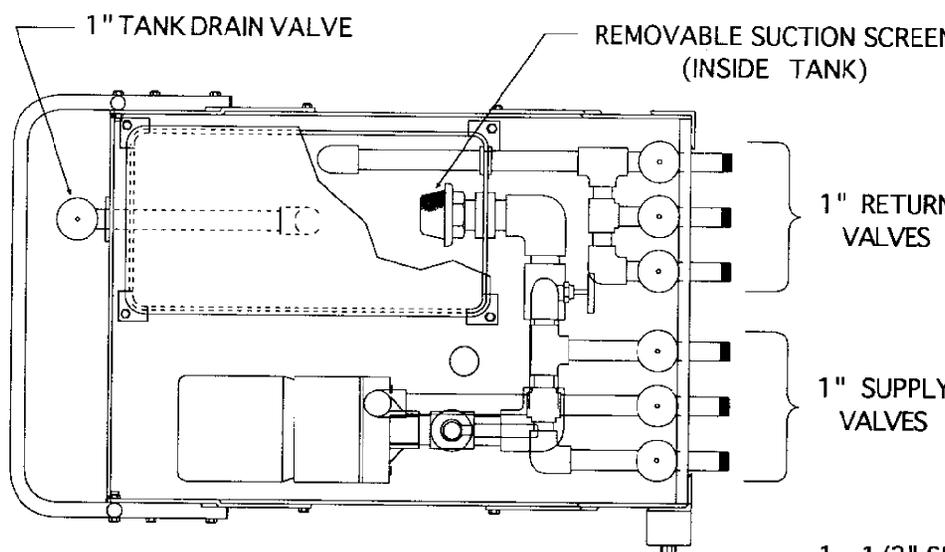
22) CONNECT THE MAGNET RETURN TO THE RINSE WATER DISPOSAL  
HOSE. THE HOSE SHOULD EMPTY INTO A 5 GALLON OR LARGER CONTAINER.

23) FLUSH THE MAGNET UNTIL THE RINSE WATER RUNS CLEAR. CHECK THE PH LEVEL IF THE LEVEL OF  
6.0 TO 7.0 IS ACHIEVED, FLUSHING IS COMPLETE.

24) DISPOSAL OF THE RINSE WATER -  
IF THE PH LEVEL IS GREATER THAN 2.5 AND LESS THAN 12.0 THEN MATERIAL CAN BE FLUSHED  
DOWN THE SEWER.

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