

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

SOP #36
REVIEWED 4/91 EGL

STANDARD OPERATING PROCEDURE

TRANSFERRING UNSTABILIZED TRI 127 TO SHIPPING

CHECK	ACTION STEPS (ALL CAPS)	COMMENTS (BELOW STEPS)
_____	1. SHIPPING WILL INITIATE THE PHONE CALL INFORMING YOU OF THEIR NEEDS.	
_____	2. DURING THIS CONVERSATION, THE OPERATOR SHOULD FIND OUT WHAT PRODUCT GRADE IS TO BE LOADED, THE MODE OF TRANSPORTATION, WHEN THE PRODUCT IS NEEDED AND HOW MANY COMPARTMENTS ARE TO BE LOADED.	
_____	3. YOU SHOULD TELL SHIPPING PERSONNEL WHICH PRODUCT TANK YOU WILL BE SENDING TO THEM ALSO INFORM THEM THAT YOU WILL BE USING THE TRI 113 TRANSFER HEADER AND THE BATCH NUMBER OF THE MATERIAL. ALSO INFORM SHIPPING THAT SINCE THE TRI 113 HEADER IS TO BE UTILIZED SOME AMOUNT OF FLUSHING WILL BE NECESSARY TO CLEAR THE HEADER OF TRI 113 AND THAT WE WANT THIS FLUSH MATERIAL SENT BACK TO OPERATIONS THROUGH THE SHIPPING FLUSH LINE. AT THIS TIME INFORM YOUR LEAD OPERATOR OF SHIPPING'S REQUEST.	
_____	4. INFORM SHIPPING THAT HQMME WILL NEED TO BE ADDED TO THE TRUCK OR TANK CAR AND IT WILL BE MEASURED, LABELED AND BROUGHT TO SHIPPING AFTER IT HAS BEEN DETERMINE WHAT AMOUNT WAS LOADED.	
_____	5. IF ANY UNCERTAINTY OR DISCREPANCY EXISTS AS TO PRODUCT GRADE, ASK FOR THE SKU NUMBER WHICH SHIPPING WILL GET FROM THE ORDER, TAKE THIS SKU NUMBER AND LOOK IT UP ON THE SKU LIST LOCATED IN YOUR SPECIFICATION BOOK. THE NUMBER WILL HAVE AN ASSOCIATED PRODUCT NAME AND THEREFORE A PRODUCT SPECIFICATION SHEET.	
_____	6. UNBLOCK THE VALVE TO THE APPROPRIATE AUXILIARY TANK ON THE SHIPPING FLUSH LINE AND THEN TURN APPROPRIATE PUMP ON TO SHIPPING FROM THE CIRCULATED TANK. LOG ON THE TRANSFER SHEET. AFTER THE APPROPRIATE AMOUNT OF FLUSHING IS COMPLETE AND SHIPPING AS CAUGHT A GOOD TRI 127 SAMPLE BLOCK THE AUXILIARY TANK.	
_____	7. CHECK WITH SHIPPING AFTER AN APPROPRIATE LOADING TIME TO DETERMINE IF THE LOADING IS COMPLETED.	
_____	8. IF THE LOADING IS COMPLETED, SHUT THE PUMP DOWN AND ISOLATE THE TANK.	
_____	9. IF DURING ANY STEP OF THIS PROCEDURE, CONFUSION OR PROBLEMS DEVELOP, GET YOUR LEAD OPERATOR AND IF	

NECESSARY YOUR SUPERVISOR INVOLVED.

NOTE

BEFORE SENDING ANY UNSTABILIZED TRI 127 TO SHIPPING IT MAY BE NECESSARY TO CLEAR THE RECIRCULATION HEADER SINCE IT MORE THAN LIKELY CONTAINS TRI 113. TO DO THIS KEEP THE RECIRCULATION VALVE CLOSED ON THE TANK THAT CONTAINS THE TRI 127 AND UNBLOCK THE SUCTION VALVE ON THE TRI 127 TANK AND UNBLOCK THE RECIRCULATION VALVE ON AN HP TANK THAT CONTAINS TRI 113 OR THAT MAY BE EMPTY. UNBLOCK THE RECIRCULATION HEADER AND TURN THE PUMP ON AND PUMP A COUPLE OF INCHES INTO THE TANK THAT CONTAINS TRI 113. DO NOT RECIRCULATE NO MORE THAN A COUPLE OF INCHES INTO A TRI 113 TANK BECAUSE THE CONCENTRATION OF THE STABILIZER THAT IS IN TRI 113 (DPE) CAN BE DILUTED OUT-OF-SPEC. UNSTABILIZED TRI 127 CONTAINS NO STABILIZERS AND IS ONLY TRICHLOROETHYLENE IN THE PUREST FORM.

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

SL 021294