LOCATE WITH X

AVG READING

SHARE DEPARTMENT

INDUSTRIAL HYGIENE

HEAT STRESS EVALUATION

PLAINTIFF'S EXHIBIT

UC-1848

DATE 8/29/80

LOCATION: Tank car loading rack and units open to wind and semi-shade

DATA:

DRY BULB	94.4 °F	AMBIENT AIR VELOCITY	500 FPM
WET BULB	79.4 °F	AIR VELOCITY CORRECTION	--- FPM
GLOBE	102.4 °F	EFFECTIVE AIR VELOCITY	500 FPM

METABOLIC RATE FOR ASSUMED WORK RATE _____ BTU/HR.

RESULTS:

WBGT INDEX	86.3
RELATIVE HUMIDITY	_____ %
NORMAL EFFECTIVE TEMPERATURE	_____ °
E.T. CORRECTED FOR RADIATION	_____ °
HEAT STRESS INDEX (H.S.I.)	_____

REMARKS: _____

RECOMMENDATIONS: _____

BRE 0320