AVERAGE READING

SHARE DEPARTMENT

INDUSTRIAL HYGIENE

HEAT STRESS EVALUATION

PLAINTIFF'S EXHIBIT

UC-1843

DATE 8/27/80

LOCATION: Outside areas of Brownsville plant with no solar load (shade) and medium wind speed (5-6 MPH)

DATA:

DRY BULB	96.0 °F	AMBIENT AIR VELOCITY	500 FPM
WET BULB	78.0 °F	AIR VELOCITY CORRECTION	--- FPM
GLOBE	99.6 °F	EFFECTIVE AIR VELOCITY	500 FPM

METABOLIC RATE FOR ASSUMED WORK RATE -- BTU/HR.

RESULTS:

WBGT INDEX	84.5
RELATIVE HUMIDITY	%
NORMAL EFFECTIVE TEMPERATURE	°
E.T. CORRECTED FOR RADIATION	°
HEAT STRESS INDEX (H.S.I.)	

REMARKS:

RECOMMENDATIONS:

BRE 0315