

PREDICTED PERFORMANCE CURVES FOR

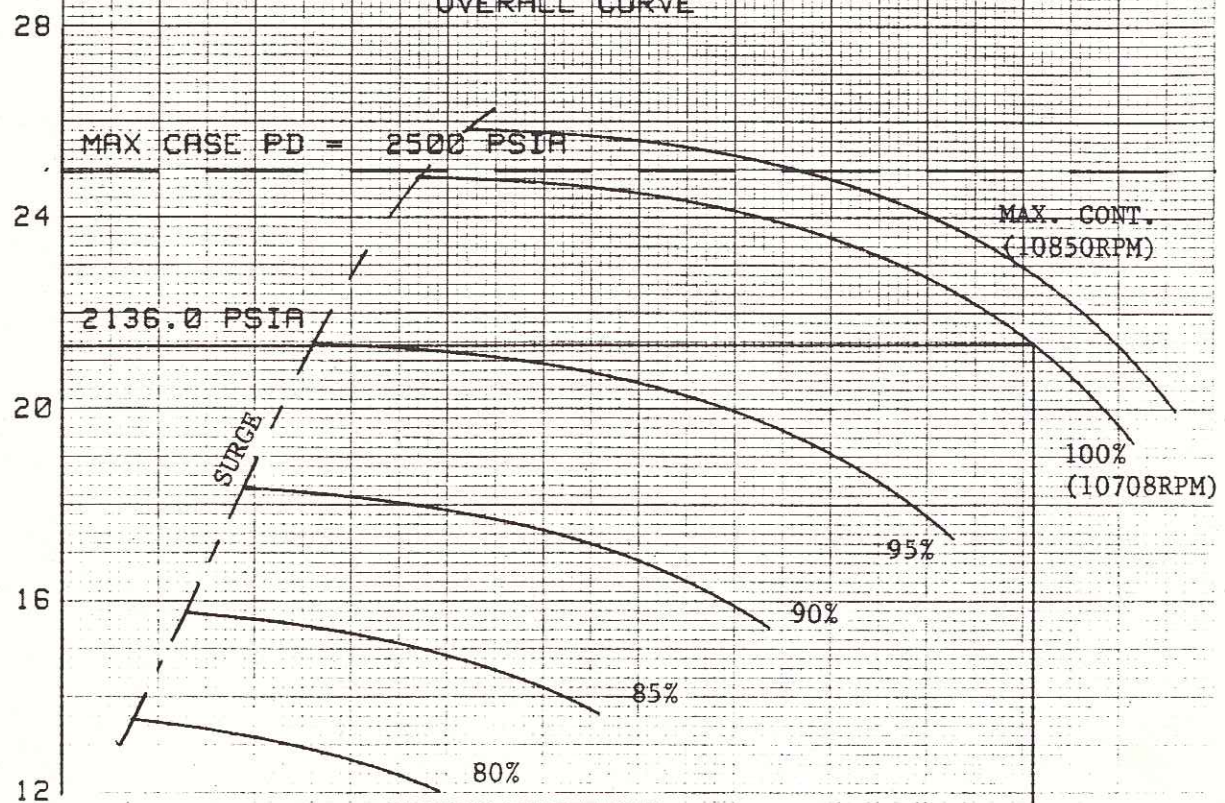
I.M.C. STERLINGTON, LA.

P.O. NO. 690035

ONE CLARK MODEL 2BC8 AND ONE MODEL 2BF9-8 CENT. COMP.  
OVERALL CURVE

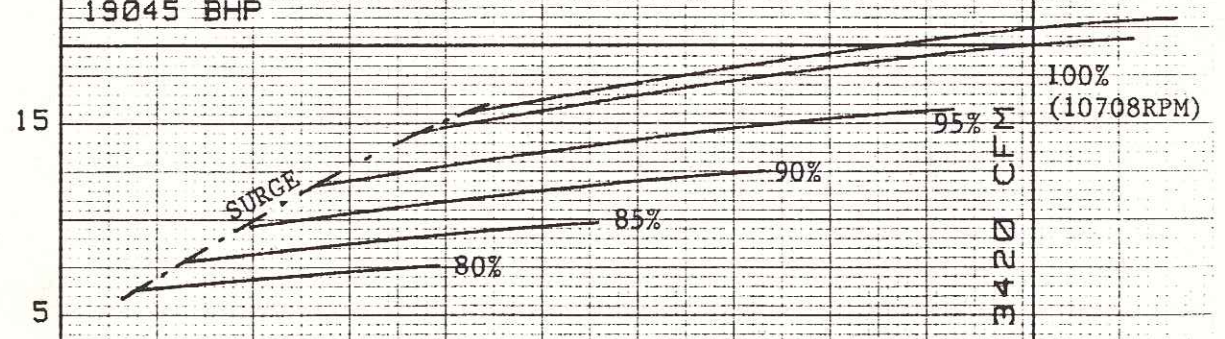
DISCHARGE PRESSURE - PSIA X 10<sup>-2</sup>

BRAKE HORSEPOWER X 10<sup>-3</sup>  
AT PS OF 368.0 PSIA



DESIGN CONDITIONS

	Sect. I	Sect. II	Sect. III
Ps, PSIA	368	963.	1992
Pd, PSIA	963.	1992	2136.
Ts, °F	85.	40.	144.
#/MIN.	1884.	1845.	11859.
CP/CV Avg.	1.40	1.41	1.37
Z Avg.	1.02	1.06	1.03
Mol. Wt.	8.87	8.85	11.59



NOTE: Recycle flow is assumed proportional to inlet flow.

16 20 24 28 32 36

INLET CAPACITY ACFM X 10<sup>-2</sup>

CMP 7/30/86

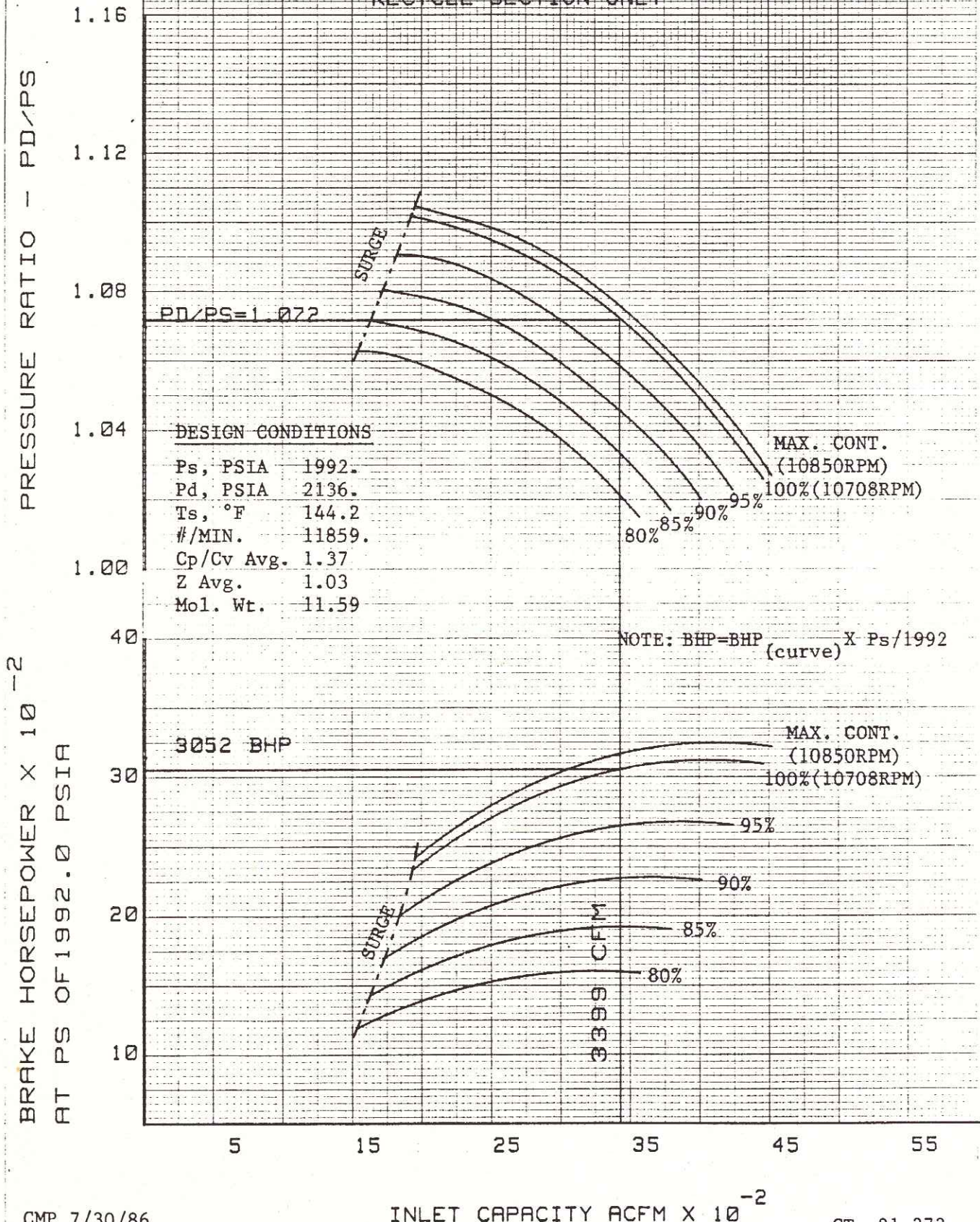


Rev. 1, 7/30/86

CT. 21,373  
CE. 9507



PREDICTED PERFORMANCE CURVE FOR  
 I.M.C. STERLINGTON, LA.  
 P.O. NO. 690035  
 ONE CLARK MODEL 2BF9-8 CENT. COMP.  
 RECYCLE SECTION ONLY



DESIGN CONDITIONS

Ps, PSIA 1992.  
 Pd, PSIA 2136.  
 Ts, °F 144.2  
 #/MIN. 11859.  
 Cp/Cv Avg. 1.37  
 Z Avg. 1.03  
 Mol. Wt. 11.59

3052 BHP

NOTE: BHP = BHP (curve) X Ps / 1992

MAX. CONT.  
 (10850RPM)  
 100% (10708RPM)

CMP 7/30/86

INLET CAPACITY ACFM X 10<sup>-2</sup>

CT. 21,373  
 CE. 9508

