

Johnson Controls Alignment Report



JOB:		Laser Alignment	
EQUIPMENT #		Dial Indicator	
LOCATION:			

PARALLEL ALIGNMENT

READINGS

REFERENCE DATA

12:00 PM		REQUIRED HORIZONTAL OFFSET	
09:00 AM		REQUIRED VERTICAL OFFSET	
06:00 AM		ALLOWABLE ERROR (+ OR -)	
03:00 AM			

(G)		HORIZONTAL PARALLEL MISALIGNMENT
(H)		REQUIRED HORIZONTAL OFFSET
(J)		HORIZONTAL ERROR
		MOTOR MOVEMENT NEEDED

(-) INDICATES THE MOTOR IS TOO FAR RIGHT OF THE COMPRESSOR OR PUMP
 (+) INDICATES THE MOTOR IS TOO FAR LEFT OF THE COMPRESSOR OR PUMP

(K)		VERTICAL PARALLEL MISALIGNMENT
(L)		REQUIRED VERTICAL OFFSET
(M)		VERTICAL ERROR
		MOTOR MOVEMENT NEEDED (SHIMS)

(-) READING INDICATES THE MOTOR IS LOW
 (+) READING INDICATES THE MOTOR IS HIGH

(Q) (+ OR -) ALLOWABLE ERROR

ANGULAR ALIGNMENT

READINGS

12:00 PM	
09:00 AM	
06:00 AM	
03:00 AM	

REFERENCE DATA

ALLOWABLE ANGULAR ERROR (+ OR -)
 DISTANCE BETWEEN FRONT AND REAR HOLD DOWN BOLTS
 DIAMETER OF COUPLING IN INCHES
 COUPLING RATIO

(N)		HORIZONTAL ANGULAR MISALIGNMENT
		MOVEMENT NEEDED

(-) READING INDICATES THE DEAD END OF THE MOTOR IS RIGHT OF THE CENTER LINE.
 (+) READING INDICATES THE DEAD END OF THE MOTOR IS LEFT OF THE CENTER LINE.

(P)		VERTICAL ANGULAR MISALIGNMENT
		SHIM NEEDED

(-) READING INDICATES THE DEAD END OF MOTOR IS LOW
 (+) READING INDICATES THE DEAD END OF MOTOR IS HIGH

(R)		(+ OR -) ALLOWABLE ERROR
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Notes:

Technician: