

Canceled MAOP Validation Excavations for L101 at MP 2.65 and MP 3.48

The MAOP validation results submitted to the CPSD on September 27, 2011 for Line 101 from Milpitas Terminal to Lomita Park Station (MP 0.00 to 33.70) assumed (*) the specifications shown below which resulted in a lower MAOP than the current MAOP of record of 396 psig. Additional records research resulted in locating documentation that supports the updated values shown below. Subsequently, the updated information resulted in all of these features validating a MAOP of 396 psig. As a result of the updated analysis, validation digs at these locations are not required and have been canceled.

Additionally, all of these features were hydro-tested in June 2011 and the associated strength test pressure reports were submitted to the CPSD on September 27, 2011.

L-101, MP 2.65

Type	Original Analysis				Updated Analysis			
	OD	WT	SMYS	MAOP	OD	WT	SMYS	MAOP ¹
Sleeve	37.00	0.375 *	35,000 *	388	37.25	0.500	50000	470

¹Represents minimum of MAOP per Design and MAOP per Test values; hence, validating the current MAOP of Record of 396 psig.

L-101, MP 3.48

Type	Original Analysis				Updated Analysis			
	OD	WT	SMYS	MAOP	OD	WT	SMYS	MAOP ¹
Sleeve	34.75	0.375 *	38,000 *	390	35.50	0.625	38000 *	468
Bend	34.00	0.375 *	35,000 *	386	34.00	0.497	35,000 *	409
Reducer	36x34	0.375 *	35,000 *	365	36x34	0.625	35,000 *	468

¹Represents minimum of MAOP per Design and MAOP per Test values; hence, validating the current MAOP of Record of 396 psig.