

LABORATORIO DE CONTROL DE CALIDAD Y SUPERVISIÓN S.A. DE C.V.

35 NORTE No.3023, UNIDAD HABITACIONAL AQUILES SERDAN. TEL:. 01 222 2315836,8686973,8686974

"REGISTRO DEL ENSAYO A FLEXIÓN DE VIGAS DE CONCRETO CON CARGA A LOS TERCIOS DEL CLARO" METODOS EMPLEADOS: NMX-C-161-ONNCCE-2013,NMX-C-191-ONNCCE-2015

| CLIENTE: | INDHR | Registro N°: | PVF/339/18/39 |
|-----------------------|---|-------------------|---------------|
| OBRA: | RECONSTRUCCION CON CONCRETO HIDRALICO DE LA TRONCAL DEL PERIFERICO ECOLOGICO DE LOS MUNICIPIOS DE SAN PEDRO | Tipo de Concreto: | RR |
| | CHOLULA Y SAN ANDRES CHOLULA, DEL DISTRIBUIDOR VIAL BOULEVARD FORJADORES AL DISTRIBUIDOR VIAL BOULEVARD | MR de proyecto: | 48 |
| | ATLIXCAYOTL, EN EL ESTADO DE PUEBLA | . , – | |
| DIRECCIÓN DE LA OBRA: | Periferico Ecologico de la ciudad de Puebla | | |
| ELEMENTO COLADO: | LOSA MR CPO DER LADO DER KM 9+213 AL KM 9+265 YCPO IZQ LADO DER KM 9+459 AL KM 9+211 Y 9+184 AL 9+104 | | |
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| Identificacion de la | Fecha de | Fecha de | Edad | Condiciones de curado y humedad | Punto | | An | | | ralte cm | Locali | zacion d | e la falla | en mm | Distancia entre apoyos | Distancia entre puntos | Carga aplicada | Modulo de ruptura | Defectos | Vel. Aplicación | Realizó |
|------------------------|------------|------------|------|---------------------------------------|--------|-------|-------|-------|-------|-------------|--------|----------|------------|-------|------------------------|---------------------------|-------------------|-------------------|------------|-------------------|-------------|
| muestra | Colado | ensayo | días | humedo/seco (intemperie) | Lijado | Cuero | Lec 1 | Lec 2 | Lec 1 | Lec 2 | L1 | L2 | L3 | Prom | (cm) | de carga(cm) | (kgf) | (kgf/cm²) | escpecimen | kg/cm² por minuto | , rodines |
| PVF-XII-13-GLCC-02-591 | 2018-12-13 | 2018-12-21 | 7 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 25 | 39 | 42 | 35 | 45,0 | 15,0 | 1 972 | 26,3 | | 9,56 | Gabino Mena |
| PVF-XII-13-GLCC-10-594 | 2018-12-13 | 2018-12-21 | 7 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 32 | 21 | 36 | 30 | 45,0 | 15,0 | 2 610 | 34,8 | | 9,71 | Gabino Mena |
| PVF-XII-13-GLCC-16-597 | 2018-12-13 | 2018-12-21 | 7 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 25 | 15 | 23 | 21 | 45,0 | 15,0 | 2 597 | 34,6 | | 9,85 | Gabino Mena |
| PVF-XII-13-GLCC-06-592 | 2018-12-13 | 2019-01-09 | 14 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 50 | 33 | 29 | 37 | 45,0 | 15,0 | 3 679 | 49,0 | | 9,68 | Gabino Mena |
| PVF-XII-13-GLCC-09-593 | 2018-12-13 | 2019-01-09 | 14 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 25 | 42 | 39 | 35 | 45,0 | 15,0 | 3 662 | 48,8 | | 9,73 | Gabino Mena |
| PVF-XII-13-GLCC-11-595 | 2018-12-13 | 2019-01-09 | 14 | Humedo | SI | NO | 15,0 | 15,0 | 15,0 | 15,1 | 19 | 35 | 28 | 27 | 45,0 | 15,0 | 3 680 | 48,7 | | 9,75 | Gabino Mena |
| PVF-XII-13-GLCC-12-596 | 2018-12-13 | 2019-01-09 | 14 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 29 | 15 | 20 | 21 | 45,0 | 15,0 | 3 629 | 48,4 | | 9,78 | Gabino Mena |
| PVF-XII-13-GLCC-18-598 | 2018-12-13 | 2019-01-09 | 14 | Humedo | NO | SI | 15,0 | 15,0 | 15,0 | 15,0 | 50 | 36 | 30 | 39 | 45,0 | 15,0 | 3 652 | 48,7 | | 9,87 | Gabino Mena |
| PVF-XII-13-GLCC-19-599 | 2018-12-13 | 2019-01-09 | 14 | Humedo | SI | NO | 15,0 | 15,0 | 15,0 | 15,0 | 51 | 39 | 33 | 41 | 45,0 | 15,0 | 3 644 | 48,6 | | 9,69 | Gabino Mena |
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| Natas. | Inventario de | PRENSA | FLEXO |
| Notas: | instrumento | PLCC-11 | FLCC-02 |

ESTE DOCUMENTO SE REFIERE EXCLUSIVAMENTE AL CONCRETO ENSAYADO Y NO DEBE SER REPRODUCIDO EN FORMA PARCIAL SIN LA AUTORIZACIÓN POR ESCRITO DEL LABORATORIO LACOCS.

| | No hay firma. |
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| Supervisó: | Laura Castillo |
| | Nombre,firma y puesto |