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|  | | | | | | | | Béton – Essai de convenance et résistance à la compression et réseau d’air | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Dossier Ministère-Entrepreneur | | | | | | | | | | | | Dossier Ministère-Laboratoire | | | | | | | | | | | | | | | | | | | Dossier du laboratoire | | | | | | | | | | | | | |
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| Surveillant | | | | | | | | | | | | Laboratoire du Ministère | | | | | | | | | | | | | | | | | | | Laboratoire de l’entrepreneur | | | | | | | | | | | | | |
| Ministère | | Firme : | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | |
| Entrepreneur | | | | | | | | | | | | Fournisseur de béton | | | | | | | | | | | | | | | | | | | Usine (municipalité) | | | | | | | | | | | | | |
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| Ouvrage et emplacement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Sous-traitant | | | | | | | | | | | | | |
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| Endroit de réalisation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Temps de malaxage | | | | | | | | | |
| Ouvrage | | | | Extérieur de l’ouvrage – chantier  Usine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | minutes | | | | | | | | | |
| Date d’essai (Année-Mois-Jour) | | | | | | | | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | Distance de transport (Usine-Chantier) | | | | | | | | | |
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| Essais réalisés par | | | | | | | | | | | | | | | | | | | | Technicien certifié ACI | | | | | | | | | | | | | | | | | | | | | | | | |
| Fournisseur  Entrepreneur | | | | | | | | | | | | | | | | | | | | Exigé  Non exigé  Carte conforme  Carte non conforme | | | | | | | | | | | | | | | | | | | | | | | | |
| Type de moule | | | | | | | | | | | | | | | | | | | | Matériau du moule | | | | | | | | | | | | | | | | | | | | | | | | |
| 100Øx200x3,4(1) 150Øx300x5(1)  Poutre | | | | | | | | | | | | | | | | | | | | Polyuréthane  Acier  Bois  Autre : | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification des outils | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Moules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air-mètre | | | | | | | | | Cône | | | | | | | | | | Thermomètre | | | | | | | | | | Bourroirs 10 mm | | | | | | | | | | | 16 mm | | | | |
| Équipement  Camion malaxeur  Pompe  Bétonnière mobile  Godet  Autre : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Numéro  de formule | | | **Caractéristiques exigées** | | | | | | | | | | | | | | | | | | | | | | | | | | **Conditions météorologiques** | | | | | | | | | | | | | | | |
| Type | | | | | | | Résist.  (MPa) | | | Gros granulats | | | | Teneur air (%) | | | Aff./Étal. (mm) | | | T du béton (°C) | | | | | | T (°C) | | | | | | Soleil | | Nuage | | Pluie | | | Neige | | Vent |
|  | | | Béton | | | Liant | | | | T min. | | | | T max. | | T min. | | | | T max. | |
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| Échantillonnage selon CSA A23.2-1C | | | | | | | | | | | | | | | | **Partie 1 - Chantier – Essais sur béton plastique** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Numéro de l’échantillon | Numéro du camion | | | | Heure (HH : MM) | | | | | | | | | | Quantité de béton (m3) | | | | | | | Ajout (l/m3) | | | | | | Teneur/en air (%)  A23.2-4C | | | | | | | | Aff./ Étal.(mm)   A23.2-5C/19C | | | | | | | Temp. (°C  A23.2-17C | |
| Heure du prélèvement | Numéro du billet liv. | | | | Heure du chargement | | Début de  la coulée | | | | Fin de la coulée | | | | Camion | | | Cumul. | | | | Eau | | | SP(2) | | | Initial | | Après l’ajout | | | | Après le pompage | | Initial | | Après l’ajout | | | Après le pompage | |
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| *(1) Épaisseur minimale des parois d’un moule (mm).*  *(2) Lorsqu’un autre type d’adjuvant est utilisé, consigner cette information dans l’espace «* *Remarque* *» (voir verso).* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **Information sur le système de pompage** | | | | | | | | | | | | | | | | | | | | | | | | | | **Configuration de la ligne de pompage**  **(Indiquer les numéros des composants dans l’ordre d’installation)** | | | | | | | | | | | | | | | | | | |
| Pompage réalisé par (nom de l’entreprise) : | | | | | | | | | | | | | | | | | | | | | | | | | | Camion ligne de pompage (3) | | | | | |  | | | | | | | | | | | | |
| Modèle de système de pompage : | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| **Configuration de la ligne de pompage** | | | | | | | | | | | | | | | | | | | | | | | | | | **1** | | | | | | | | | | | | | | | | | | |
| 1. Mât de distribution : H =       m | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Ligne de pompage : Ø =       mm | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Section réductrice A : Ø de       mm à       mm | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| % du Ø de la ligne de pompage | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Obturateur hydraulique :  Oui  Absent | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Tuyau flexible en       ; Ø =       mm; L =       m | | | | | | | | | | | | | | | | | | | | | | | | | | **2** | | | | | | | | | | | | | | | | | | |
| 1. Section réductrice B : Ø de       mm à       mm | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| % du Ø du tuyau flexible | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Rallonge rigide en       ; Ø =       ; L =       m | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Section en S  2 coudes à 45º en | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| Longueur de chacun : L =       mm; L =       mm | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 1. Dispositif de fermeture :  Clapet  Autre        Absent | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| Autre information : | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
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| **Chantier – Confection des éprouvettes** A23.2-3C | | | | | | | | | | | | | | | | Autre : | | | | | | | | | |
| Pilonnage  Vibr. Ext.  Vibr. Int.  Maillet  Autre : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Localisation du prélèvement  (pour l’essai réalisé sur l’ouvrage) | | | | | Semelle : | | | | | | | | | | | | | | | | | | | | |
| Dalle de transition : | | | | | | | | | | | | | | | | | | | | |
| Identification des éprouvettes |  | |  | | |  | | | |  | | |  | | | | | |  | | |  | |  | |
| Confection | Heure (HH : MM) : | |  | | |  | | | |  | | |  | | | | | |  | | | |  | |  | |
|  | Par : | |  | | |  | | | |  | | |  | | | | | |  | | | |  | |  | |
| Remarques |  | | | | | | | | | | | | | | | | | | | | | | | | |
| **Partie 1**  **remplie par** | Nom | | | | | | Signature | | | | | | | | | Organisme | | | | | | | | Date (Année-Mois-Jour) | |
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| **Partie 2 – Cure en chantier et transport** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditions de cure en chantier\* : | | 1  2  3  4  5  6 | | | | | | | | | | | | | | | | | | | | | | | |
| \* 1 - Contenant isolé; 2 – Dans l’eau; 3 – Température ambiante contrôlée; 4 - Intérieur; 5 – Abris; 6 – Particularités: | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Température ambiante autour des éprouvettes** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pendant les 24 premières heures (ou 44 pour les bétons XIV et XV) | | | | | | | | | | | Minimale      °C Maximale      °C | | | | | | | | | | | | | | |
| **Observation à la récupération** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Récupération | | Date (Année-Mois-Jour) : | | | | | | | | | | | |  | | | | | | | | | | | |
|  | | Heure (HH : MM) : | | | | | | | | | | | |  | | | | | | | | | | | |
|  | | Éprouvette déplacée | | | | | | | | | | | | Numéro | | | | | | | | | | | |
|  | | Éprouvette semble endommagée | | | | | | | | | | | | Numéro | | | | | | | | | | | |
| **Transport** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heure de départ de chantier (HH : MM) : | | | | |  | | | | | | | | | | | | | | | | | | | | |
| Temps de transport (HH : MM) : | | | | |  | | | | | | | | | | | | | | | | | | | | |
| Température ambiante durant le transport (°C) : | | | | | Minimale       °C Maximale       °C | | | | | | | | | | | | | | | | | | | | |
| Remarques |  | | | | | | | | | | | | | | | | | | | | | | | | |
| **Partie 2**  **remplie par** | Nom | | | | | | Signature | | | | | | | | | Organisme | | | | | | | | Date (Année-Mois-Jour) | |
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| **Partie 3 – Laboratoire** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Démoulage et cure** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Démoulage | Date (Année-Mois-Jour) : | | | |  | | | | Heure (HH : MM) : | | | | | | | | |  | | |  | | |  | |
| Cure | Température ambiante | | | | | | | | Chambre humide | | | | | | | | | | | |  | | |  | |
| **Résultats d’essais de résistance à la compression et réseau d’air** CSA A23.2-9C | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification de l’éprouvette |  |  | |  | | | |  | | | |  | | | | |  | | |  | | | | |  |
| Âge de l’éprouvette |  |  | |  | | | |  | | | |  | | | | |  | | |  | | | | |  |
| Résistance (MPa) |  |  | |  | | | |  | | | |  | | | | |  | | |  | | | | |  |
| ῑ (µm) |  |  | |  | | | |  | | | |  | | | | |  | | |  | | | | |  |
| Remarques |  | | | | | | | | | | | | | | | | | | | | | | | | |
| **Partie 3**  **remplie par** | Nom | | | | | | Signature | | | | | | | | | Organisme | | | | | | | | Date (Année-Mois-Jour) | |
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| **Formulaire approuvé par** | Nom | | | | | | Signature | | | | | | | | | Organisme | | | | | | | | Date (Année-Mois-Jour) | |
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