Gilson California Fixed Chute Sample Splitter SP-12CA / SP-12CG

CALIF. 201

INTRODUCTION

The SP-12CA/CG is designed by and constructed for the California Department of Transportation to comply with California 201 specification. This is a fixed-chute splitter with a gate-release hopper. The 2-1/4in (57.2mm) chute width allows even division of aggregate materials up to 1-1/8in (28.6mm) maximum nominal size. Materials larger than this may bridge in the chute and cause blockages or uneven divisions.

OPERATING INSTRUCTIONS

1. Place sample material in closed hopper, distributing as you pour, and level by hand until material is evenly distributed from side-to-side and from front to back in hopper. Position pans.

2. Open gates of hopper using a smooth, rather fast motion of the hand lever. Sample will divide to half the original portion in each of the bottom pans.

> **NOTE:** Use **CAUTION** when operating hopper gates to prevent injuries from pinching action of gates and mechanism.

3. If a smaller sample fraction is needed, transfer portion in one pan to closed hopper, level, and split again. Repeat until the desired fraction is reached, 1/4, 1/8, 1/16, 1/32, etc.

4. Sampling accuracy can only be as good as the methods employed. We suggest the following additional tips be employed as part of your standard sampling procedures:

   a. Prior to splitting for a final sample, mix the material by repetitive splitting and recombining the entire sample. Repeat until material is thoroughly mixed.

   b. When pouring material into hopper, always use care to distribute the material evenly as you pour.

SP-12CA

5. Contact Gilson for replacement parts or technical assistance with your splitter.

WARNING!

Because of its large sample capacity and sturdy construction, full sample pans are very heavy and may not be manageable by one person. Use **EXTREME CAUTION** when lifting and handling pans. Lighter sample pans of aluminum construction standard are optionally available as SPA-122.

PHONE: 800-444-1508
740-548-7298

P.O. Box 200, Lewis Center, Ohio 43035-0200
E-mail: customerservice@gilsonco.com   **Product Web Page:** www.globalgilson.com

FAX: 800-255-5314
740-548-5314