

## RECOMMENDED QUALIFICATION AND MATERIALS OF A WORK GROUP APPLYING SIRCONTEC LC AND OPERATING MS 1000/m

Data Sheet No. 111

### Operating group members:

Group leader—production foreman: is responsible for taking over the site, energy and water connection points, machine location, setting the machine according to a corresponding production procedure, performing specified control procedures, produced lightweight concrete (LC) processing quality, its follow-on processing, maintenance and cleaning of the machine and accessories. He can read construction drawings, determine building heights. He is competent to make entries into a site diary and hold meetings with a project management.

Engineer: performs actions related to operation and setting of the lightweight concrete making machine according to Instructions for Use. He cleans and maintains the machine, refills components in reservoir tanks; he controls his work according to instructions from the place of LC processing.

LC processing: one person able to read drawings places LC in a place of its placement and its processing into a required shape. He should have some experience in processing of self-levelling and hand made finishes and handle elementary bricklaying procedures.

One to two assistants should be available for manipulation with hoses.

- Materials:**
1. Personal protecting equipment as normally required for bricklaying and concrete placing work, completed with rubber gloves resistant to the environment.
  2. A set of hand-held radios for communication of a place of production with a place of processing.
  3. Basic tools of the group:
    - Scales to measure technical foam bulk density with accuracy  $\pm 10$  g and range min 2 kg
    - Vessel with exactly measured volume and with a smooth upper edge – for technical foam bulk density measurement
    - 10 to 15 l water bucket, preferably plastic
    - Set of graduated vessels with a volume 1l for LC bulk density measurement
    - Set of fork spanners 10 - 27 mm
    - Set of firm flat screwdrivers
    - Set of firm cross screwdrivers
    - Chisel and a hammer
    - Wire nippers, combined pliers, combination cutting pliers
    - Minimum 5 spare hose clips 1/2" - 2"
    - GK male and female fast-couplings from 1/2" to 5/4"
    - Set of gaskets for hose couplings of delivery hoses
    - Set of gaskets for hose couplings of a suction hose
    - Trowel or spatula for cleaning of the blender hopper during work
    - Extension cable 220 V with an adapter
    - Set of min 2 halogen lamps for work at reduced light
    - Hot air gun
    - Knife for cutting of foam polyethylene and polystyrene
    - Carpenter's pencil
    - Nails 40 – 80 mm
    - Wood cutting hand or electric saw
    - Vibration tracer 0.6 m, 1.2 m and 2.4 m for processing of self-levelling finishes
    - Hose water level or a water level with laser including a stand
    - Adjustable levelling tripods for processing of self-levelling finishes – minimum 10
    - Hand brush or brush for cleaning of a machine surface
    - Stock of hose binding wire
    - 2 shovels
    - Cloth

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