

Changes to S.101 & S.123

The following is a list of changes made to S.101 and S.123 since the previous versions issued in November 2003. All of the changes are included in the March 2006 versions of S.101 and S.123.

Changes to S.101

- Page 2 Extra line added to note: 'Under no circumstances shall railway track be used in the construction of any building.'
- Page 3 Safety:
The Safety Act is now 'Safety, Health and Welfare at Work Act 2005.
It is the farmer's responsibility to provide a construction stage project supervisor.
- A1.4 Where mass concrete walls at least 1.8m high are present in the gable frame, then the angle brace for gable frames may be omitted.
- A3.3 Truss/Stanchion connections. 'Where truss is resting on stanchion the truss shall be secured by at least 2 No. 16mm bolts.'
- B6.2/B6.3 Updates made to concrete specifications to reflect those of S.100
- B7.1 Where stanchions are offset in foundation blocks, reinforcement shall be used in the foundation.
- B11.7 For fibre cement spaced sheeting only: Allow for end sheets not to be over lapped. Require that x-bracing in plane of roof is double bolted at junction between rafter and bracing. Also only two nails per sheet.
- B15 Doors: Steel roller doors are also permitted.

Changes to S.123

- 1.1 The Safety Act is now 'Safety, Health and Welfare at Work Act 2005.
- 1.2 Farmer/Applicant Responsibility added information: 'It is the applicant's responsibility to provide a construction stage project supervisor.
- 2.6 Recommendation added: 'It is recommended that where the heel of the cubicle bed faces the feed face that the standing area be at least 4m wide.
Extra information added regarding the cross-over points and no dead end passages for smaller cubicle units.
Extra information added regarding a slatted feed area being added on to an existing cubicle house.
- 2.7 Information added regarding channels: 'A channel 75mm x 75mm shall be provided across every opening and the effluent collected and diverted to a suitable holding tank. The channel shall be provided 600mm outside of the opening so as to collect any effluent seepage. The channel shall be constructed as specified in clause 2.8.'
- 2.11 Same information regarding channels as added in 2.7.
- 3.2 Cubicle Beds Extending Over Standard Slats: Cubicle beds shall not extend more than 225mm (was 150mm) over standard slats. The cubicle beds shall be suitably reinforced.
Also note, cubicle beds on slats shall not be permitted on or after 1st July 2007.
- 3.3 Recommendation for cubicle divisions added: 'it is recommended that cubicle beds should be 2.6m long when up against a wall and 2.4m when head to head. In addition it is recommended that the width of a cubicle bed be increased by 10% where one of the long sides is bounded by a solid wall.'
- 4.1 The minimum storage periods and other storage requirements as per the nitrates directive requirements.
- 4.4 Where simple aeration systems are used, the maximum tank length is increased to 52m (was 42m) for tanks B and C.
It is recommended that simple aeration systems are not used where the cattle are fed on bale silage.
- 4.5 Where a tank is built under a cow collection yard it is permitted to have the collection yard fully slatted. All the slats used shall be heavy duty (tractor) slats.
- 4.6 Extra information added for Type "C" tanks: Where the pipe system is run from both ends of one tank, the pipes shall overlap at least 4.8m and the total length of the tank shall not exceed 47m.
- 4.8 The spacing requirements at the end of spine walls has been relaxed.
- 5.4 Excavations. Extra information added: 'For all excavations deeper than 1.25m, the banks shall be battered back at an angle of at least 45⁰ or supported by suitable shuttering. Excavations shall at all times comply with the relevant Health and Safety requirements.
- 6.2/6.3 Updates made to concrete specifications to reflect those of S.100
- 8.8 Recommendation added for central feed passage: 'the central feed passage in an animal house be, at least 4.8m. Where animals are being feed silage at both the front and back of animal pens a strip of concrete, at least, 1 metre wide shall be provided along the feed face at the back of the pen in addition to the feeding passage at the front of the animal pens in all cases.
- 8.9 Any heavier loadings than the ones stated will require a higher level of reinforcement, and shall be certified by a Chartered Engineer.
- 8.13 Where slabs are being used as a rainwater cover for tanks, all joints between slabs shall be sealed.