



SURFACE GRINDING FOR FREE MOVEMENT AREAS

Surface Grinding for Free Movement (FM) Areas is based on a 3 Stage programme, starting with:

A detailed Level Survey.



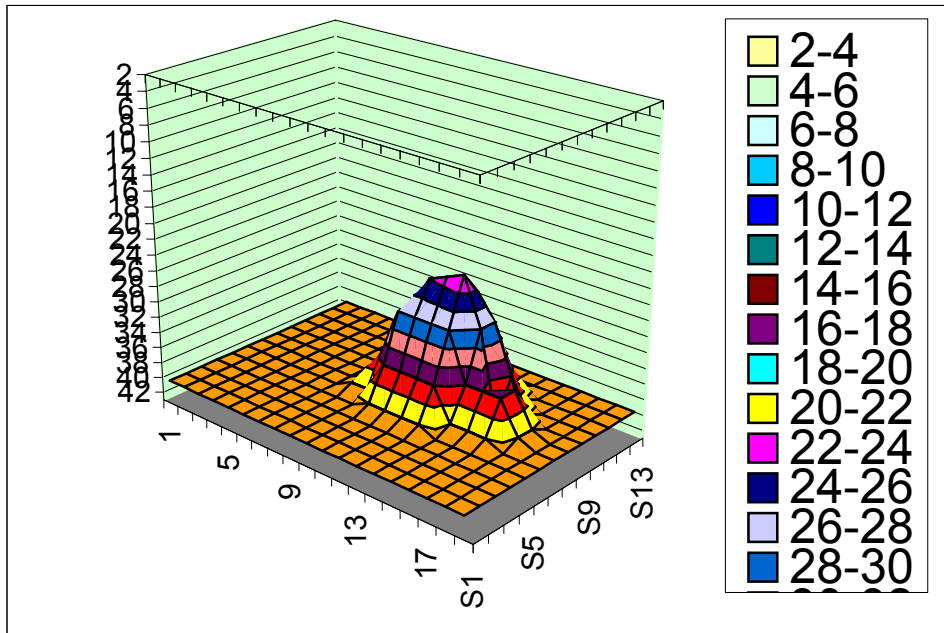
Levels are generally taken in a 1m grid over the whole area of the slab and the results are tabulated for analysis.

	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
1	40	40	40	40	40	40	40	40	40	40	40	40	40
2	40	40	40	40	40	40	40	40	40	40	40	40	40
3	40	40	40	40	40	40	40	40	40	40	40	40	40
4	40	40	40	40	40	40	40	40	40	40	40	40	40
5	40	40	40	40	40	40	40	40	40	40	40	40	40
6	40	40	40	40	40	40	40	40	40	40	40	40	40
7	40	40	40	40	40	40	40	40	40	40	40	40	40
8	40	40	40	40	40	39	39	39	39	40	40	40	40
9	40	40	40	40	40	39	35	35	35	39	40	40	40
10	40	40	40	40	39	35	29	29	28	35	39	40	40
11	40	40	40	40	39	35	29	25	27	35	39	40	40
12	40	40	40	40	39	35	29	24	26	35	39	40	40
13	40	40	40	40	39	35	29	23	26	35	39	40	40
14	40	40	40	40	40	39	35	29	29	35	39	40	40
15	40	40	40	40	40	39	35	40	35	39	40	40	40
16	40	40	40	40	40	39	35	35	39	40	40	40	40
17	40	40	40	40	40	40	39	39	40	40	40	40	40
18	40	40	40	40	40	40	40	40	40	40	40	40	40
19	40	40	40	40	40	40	40	40	40	40	40	40	40

Example of tabulated level readings

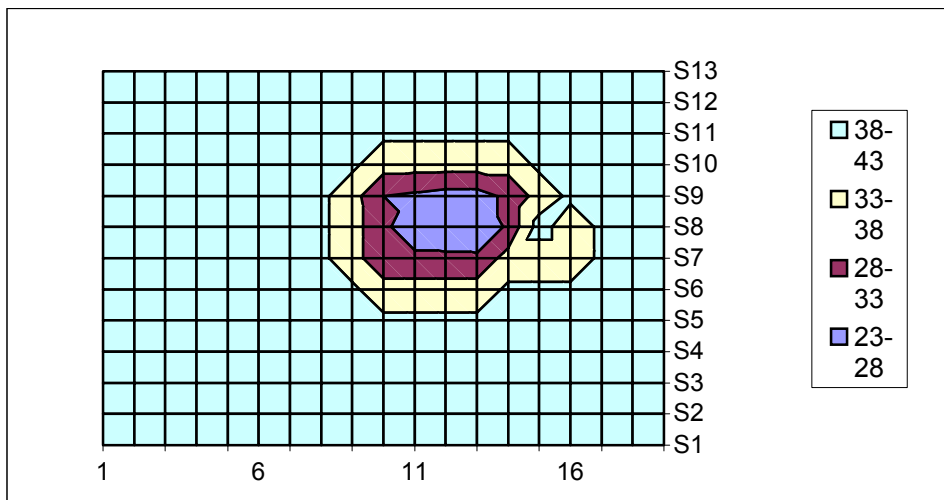
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In the second stage, the results are analysed and plotted to give a graphical illustration of the surface of the floor slab.



Example of Graphical Analysis

From this analysis a graphical grinding plan can be developed to show the grinding team the exact location and extent of the problem area(s).



Example of Grinding Plan

The results of the analysis will also determine the various types of dust entrapping equipment that may be required to obtain the specified flatness in the minimum time and with the minimum disruption.

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In the final stage, with the grinding plan to hand, corrective grinding is carried out starting with the highest area(s) and working down through the lower area(s) until this dust-free grinding operation is complete.



Frequent checks are made to ensure that only the correct amount of surface is removed,



and that the completed floor slab meets the specified flatness requirement.