

Reference P 255 VM/SG

FR 8/25

Mngr.....	Eng. Supt.....
Sec.....	A/F. Mngr.....
Asst. Sec.....	Ch. Eng. A/D.....
Ch.....	Para. Supt.....
Acct. 11 DEC 1961	Supply Sales.....
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S.N.E.C.M.A.
70, bld Kellermann

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CIRCULATION / COPIES 12/12/61	
E.F. MNGR ✓	FCT. ADM. SUPT.
DSGN. ENGR	MC. SHOP. SUPT.
DEV. ENGR	PRODCN. SUPT.
SERV. ENGR	ASSM. LY. SUPT.
QUAL. ENGR	FOUNDRY SUPT.
PROD. ENGR	METCAL. SUPT.
MATL. ENGR	PROCESS SUPT.
CH. TL. DSGR ✓	TOOL. PROD. SUPT. ✓
CH. INSP. E. F.	TOOL. ROOM. SUPT. ✓
A/F MANAGER	SUPT. INSPECTION

Attention : the MANAGER

Subject : Metrology at Kellermann.

Dear Sir,

The Metrology section of the "Contrôle" Department at Kellermann is about 50% larger in area than the E/D Gauge Room, and is very closely temperature controlled throughout the year.

General tooling is not handled in this Department but in a section situated in the toolroom, and also under the jurisdiction of the Contrôle (Inspection) Department.

The Metrology section confines itself to the keeping of length standards, and the general inspection of gauges. Its own standards are compared against the French Government laboratory standards once every two years. Basic equipment consists of Solex comparators, Genevoise measuring machines and projectors, and a Taylor Hobson C.L.A. surface checking machine.

No comment is needed on the methods used at Kellermann Metrology, as they are similar to general Metrology practices.

An interesting sidelight we learned was that during the last war, SNECMA made their own slip blocks, as supplies from other countries were unobtainable. Because of the excellence of size and finish of their blocks, SNECMA later gained official approval for slip-block manufacture.

As a result of our visit to Metrology, we have arranged for prints of the SNECMA thread gauge tolerances to be made available, and they will be sent to C.A.C. in due course.

ABL

It is not expected that receipt of these will cause any significant difference in the policy which the writer recommended should be adopted in letter P 70. For gauges used in actual production, it is important that gauge tolerances should lie entirely within the component tolerances.

Yours faithfully,



G.H. FOSTER

G.H.F/VM/SG