

9210100 Portland Cement and Blended Cement.
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (11-29-10) Section 921 following comment from Daniel Haldi for Disrtict 5 Materials & Research:<<>> 921-1.3 is now only concern with heat of hydration of type II MH cement, not any other type ? <<>> What if heat of any other type exceeds 80, is there a mandate to use MH elsewhere?

Response: The change to 921 is in conjunction with changes to Section 346. The new Type II (MH) is going to be used in severely aggressive environments. This change was made to address issues with the heat of hydration in the cement used in severely aggressive environments.

The T-II (MH) is for EA environment as you indicated. The T-I's and II's are still approved for slightly and moderately aggressive environments and we have no requirement for heat of those cements based on our specification. The heat of hydration for the T-I's and IIs is addressed in AASHTO M-85 and that's how we plan to handle it. In M-85 they already limit the heat of hydration of T-II's to 80 cal/gm, T-I's have no limit.
