

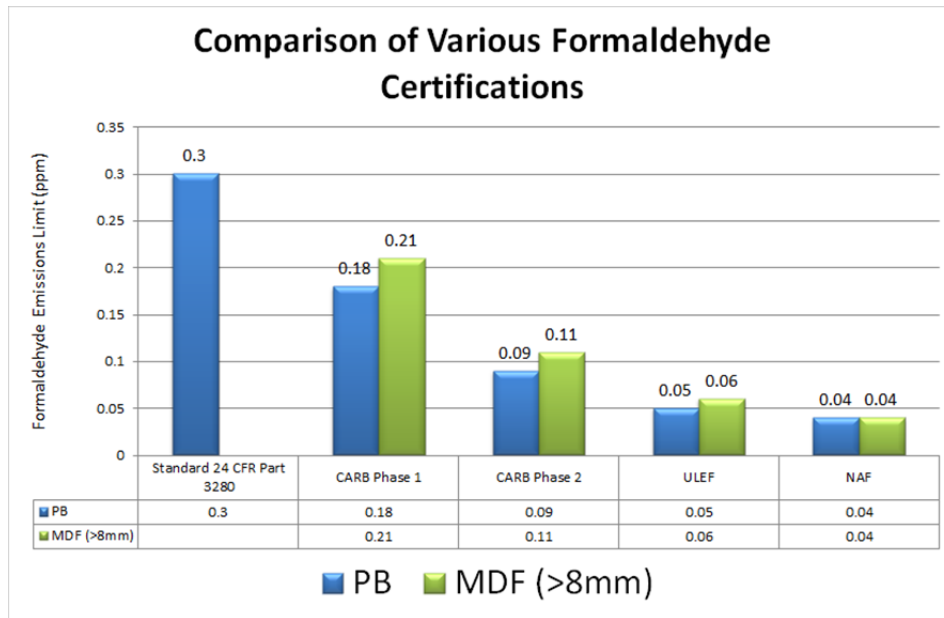
## PARTICLEBOARD AND MDF EMISSION LEVELS

In 2007, the California Air Resources Board voted to implement limitations for formaldehyde emissions that will apply to composite panels including particleboard and medium density fiberboard (MDF). The regulation was applied in two phases and affected the products that are manufactured from composite panels (such as cabinets, store fixtures, flooring, molding, millwork, etc.) that are sold, supplied, offered for sale, or manufactured for sale in California.

With regards to this regulation, all particleboard, MDF and thin MDF manufactured in Arauco NA mills are certified by the Composite Panel Association (CPA), an approved CARB third party certifier (TPC-1), to comply with CARB Phase 2 emissions as specified in CCR 93120.2(a).

Arauco NA is also certified to the CPA's Eco Certified Composite (ECC) sustainability standard.<sup>1</sup>

As it pertains to the CARB NAF and ULEF panels produced by Arauco, the products as specified, meet the emissions for NAF and ULEF stated below:



With respect to low emitting credits and IEQ cr 4.4 LEED NC 2009, Composite Wood and Agrifiber must contain no added urea formaldehyde resins OR carry CARB ULEF (**VESTA ULEF**) or CARB NAF (**VESTA NAF** formerly *TERRA*) Executive Order to qualify.



Regards,



Jake Elston, Vice President of Corporate Operations  
Arauco North America

<sup>1</sup> <http://www.arauco-na.com/sustainability/certifications-leed/certifications>