

Oil Sampling Energized Padmount Transformers



The ability to assess the general condition of the liquid filled transformer through dissolved gas analysis (DGA) represents a significant advantage over dry type transformers. Monitoring the dissolved gas contents over time provides the opportunity to enact preventative measures to minimize the potential of failure.

← Since the drain valve is typically found within the tamperproof cabinet on padmount transformers, obtaining oil samples from energized units can be difficult due to requirements that personal protective equipment(PPE) be used in accordance with NFPA 70E (National Fire Protection Association), These requirements are necessary to guard against the hazards of a potential arc flash.

To enable routine access without the need for PPE, Pacific Crest Transformers offers the option of locating the drain/sample valve outside the transformer cabinet in its' own tamperproof, lockable box. In doing so, oil sampling can be conveniently scheduled and easily obtained .

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