

SUMMARY AND CONCLUSION

Almost all amount of residual PCB and combustion products from the incinerator were caught on the activated carbon beds.

Non oxygen containing substances like PCB and CB passed through the scrubber and were mainly found in gas treatment activated carbon. On the other hand, oxygen containing compound like PCDD, PCDF, and CP were mainly found in water treatment activated carbon.

The main products of this incinerator were CP and the next were CB. The order of the contents were 100 to 100,000 times as much as PCB concentration. The PCDD and PCDF levels were about one tenth of the residual PCB.

The scrubbers that include cooler and caustic scrubber were playing a very important roles for eliminating PCDD, PCDF, and CP in the combustion system.

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