

NDT allows every component to be tested.

↳ does not mean that you know everything about every component

WHY NDT not Destructive?

\* to test every component:

- ↳ e.g. if safety is v. v. important
- ↳ " quality is very important
- ↳ if parts are very expensive

vs. Quality Control  
Quality Assurance

\* IN service testing ...

↳ look for flaws that have occurred in-use  
may have grown from factory process defects.

↳ Retire components if faulty.  
avoiding early failure

↳ extend the life of components  
↳ look, see it's ok, return to service

↳ allow defects present (maybe)  
watch them over time

↳ espec. important if components are expensive

↳ Safety