

Moderate complexity testing

DIR – Director TC – Technical Consultant CC – Clinical Consultant TP – Testing Personnel
 TS – Technical Supervisor GS – General Supervisor

Title	Education	Training / Experience	Code
DIR	MD, DO, Pathologist	Licensed in anatomy and/or clinical pathology by ABP or AOBP or equivalent	493.1405(b)(1)
	MD or DO licensed in state laboratory is located	1 year directing or supervising non-waived testing or	493.1405(b)(2)(ii)(A)
		20 CME's in laboratory practice or	493.1405(b)(2)(ii)(B)
		Training in residency	493.1405(b)(2)(ii)(C)
	PhD in chemical, physical, biological, or clinical lab science	ADMM, ABCC, ABB or ABMLI certified or	493.1405(b)(3)(i)
		1 yr directing/supervising non-waived testing	493.1405(b)(3)(ii)
	MS in chemical, physical, biological, clinical lab science or MT	1 year lab & 1 year supervising lab	493.1405(b)(4)(i)
	BS in chemical, physical, biological, or MT	2 years lab training or experience & 2 years supervising lab	493.1405(b)(5)
	Previously qualified or could have qualified under 493.1406 on or before 2/28/92		493.1405(b)(6)
On or before 2/28/92 qualified to direct a lab in the state the lab was located		493.1405(b)(7)	
TC	MD or DO certified in anatomy and/or clinical pathology by ABP or AOBP or equivalent		493.1411(b)(1)
	MD or DO licensed in State laboratory is located	1 year lab in designated specialty/subspecialty	493.1411(b)(2)
	PhD in chemical, physical, biological, clinical lab science or MT		493.1411(b)(3)
	MS in chemical, phys, bio, clinical lab science or MT		493.1411(b)(3)
	BS in chemical, physical, biological or MT	2 years of lab in designated specialty or subspecialty	493.1411(b)(4)
CC	Qualifies as Director under 493.1405(b)(1); (b)(2)(ii)(A); (b)(2)(ii)(B); (b)(2)(ii)(C) or (b)(3)(i)		493.1417(a)
	MD or DO licensed in state lab is located		493.1417(b)
TP	MD or DO licensed in state lab is located or PhD; MS; or BS in chemical, physical, biological or clinical lab or MT		493.1423(b)(1)
	AA in chemical, physical, or biological or MLT		493.1423(b)(2)
	High School or equivalent	Military 50 week medical lab course	493.1423(b)(3)
	High School or equivalent	Documented training for test performed	493.1423(b)(4)

High complexity testing

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TP – Testing Personnel

Title	Education	Training / Experience	Code
DIR	MD or DO licensed in state lab is located certified in anatomy and/or clinical pathology by ABP or AOBP or equivalent		493.1443(b)(1)
	MD or DO licensed in state lab is located	1 year of lab during residency or	493.1443(b)(2)(i)
		2 years directing or supervising high complexity testing	493.1443(b)(2)(ii)
	PhD in chemical, physical, biological or clinical lab science	ABB, ABCC, ABFT, ABHI, ABMGG, ABML1, ABMM, NRCC certified or	493.1443(b)(3)(i)
		Before 2/24/03, 2 yr lab train/exp & 2 yr directing/supervising HCT	493.1443(b)(3)(ii)
	Be serving as director & previously qualified or could have qualified under 493.1415 (3/14/90) on or before 2/28/92		493.1443(b)(4)
2/28/92, qualifies under state law as lab director in state lab is located		493.1443(b)(5)	
TS	<i>All except histocompatibility & cytogenetics</i>	MD or DO licensed in state lab is located certified in anatomy &/or clinical pathology by ABP or AOBP or equivalent	493.1449(b)
TS Bacti 1	MD or DO licensed in state lab is located certified in clinical pathology ABP or AOBP or equivalent		493.1449(c)(1)
	MD/DO licensed in state lab is located	1 year in HCT in micro specialty with min. 6 months In bacti	493.1449(c)(2)
	PhD in chemical, physical, biological or clinical lab	1 year in HCT in micro specialty with min. 6 months in bacti	493.1449(c)(3)
	MS in chemical, physical, biological, or clin. lab or MT	2 years in HCT in micro specialty with 6 months in bacti	493.1449(c)(4)
	BS in chemical, physical, biological or MT	4 years in HCT in micro specialty with min. 6 months in bacti	493.1449(c)(5)
TS Mycobacti 2	MD or DO licensed in state lab is located certified in clinical pathology by ABP or AOBP or equivalent		493.1449(d)(1)
	Licensed MD or DO	1 year in HCT in micro specialty with a minimum 6 months in mycobacteriology	493.1449(d)(2)
	PhD in chemical, physical, biological or clinical lab	1 year in HCT in micro specialty with min. 6 months in mycobacti	493.1449(d)(3)
	MS in chemical, physical, biological or clin. Lab or MT	2 years in HCT in micro specialty with min. 6 months in mycobacti	493.1449(d)(4)
	BS in chemical, physical, biological or MT	4 years in HCT in micro specialty with min. 6 months In mycobacti	493.1449(d)(5)

Title	Education	Training/Experience	Code
TS Mycology 3	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(e)(1)
	MD or DO licensed in state lab is located	1 year in HCT in micro specialty with min. 6 months mycology	493.1449(e)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in micro specialty with min. 6 mo. in mycology	493.1449(e)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in micro specialty with min. 6 mo. In mycology	493.1449(e)(4)
	BS in chemical, physical, biological, clinical lab or MT	4 years in HCT in micro specialty with min. 6 mo. In mycology	493.1449(e)(5)
TS Parasit 4	MD or DO licensed in state lab is located certified in clinical pathology by ABP or AOBP or equivalent		493.1449(f)(1)
	MD or DO licensed in state lab is located	1 year in HCT in micro specialty with min. 6 months parasito.	493.1449(f)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in micro specialty with min. 6 mo. in parasito.	493.1449(f)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in micro specialty with min. 6 mo. In parasito.	493.1449(f)(4)
	BS in chemical, physical, biological, clinical lab or MT	4 years in HCT in micro specialty with min. 6 mo. In parasito.	493.1449(f)(5)
TS Virology 5	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(g)(1)
	MD or DO licensed in state lab is located	1 year in HCT in micro specialty with min. 6 months virology	493.1449(g)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in micro specialty with min. 6 mo. in virology	493.1449(g)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in micro specialty with min. 6 mo. In virology	493.1449(g)(4)
	BS in chemical, physical, biological, clinical lab or MT	4 years in HCT in micro specialty with min. 6 mo. In virology	493.1449(g)(5)
TS - Dx Immuno 6	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(h)(1)
	MD or DO licensed in state lab is located	1 year in HCT in specialty of dx immunology	493.1449(h)(2)
	PhD in chemical, physical, biological, or clinical lab	1 year in HCT in specialty of dx immunology	493.1449(h)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in specialty of dx immunology	493.1449(h)(4)
	BS in chemical, physical, biological or MT	4 years in HCT in specialty of dx immunology	493.1449(h)(5)

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Title	Education	Training/Experience	Code
TS Chemistry 7	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(i)(1)
	MD or DO licensed in state lab is located	1 year in HCT in specialty of chemistry	493.1449(i)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in specialty of chemistry	493.1449(i)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in specialty of chemistry	493.1449(i)(4)
	BS in chemical, physical, biological or MT	4 years in HCT in specialty of chemistry	493.1449(i)(5)
TS Hema 8	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(j)(1)
	MD or DO licensed in state lab is located	1 year in HCT in specialty of hematology	493.1449(j)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in specialty of hematology	493.1449(j)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 years in HCT in specialty of hematology	493.1449(j)(4)
	BS in chemical, physical, biological or MT	4 years in HCT in specialty of hematology	493.1449(j)(5)
TS ImmunoHEMA 9	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(q)(1)
	MD or DO licensed in state lab is located	1 year in the specialty of immunohematology	493.1449(q)(2)
TS ClinicalCytogen 10	MD or DO licensed in state lab is located	4 years in genetics 2 of which in clinical cytogenetics	493.1449(p)(1)
	PhD in biology, including biochemistry or clinical lab science	4 years in genetics 2 of which in clinical cytogenetics	493.1449(p)(2)
TS Histo-comp 11	MD or DO licensed in state lab is located	4 years in specialty of histo-compatability; or	493.1449(o)(1)
		2 years in specialty of General Immunology & 2 years in specialty of histocompatability	493.1449(o)(1)
	PhD in biological or clinical lab science	4 years in specialty of histo-compatability; or	493.1449(o)(2)
		2 years in specialty of General Immunology & 2 years in specialty of histo-compatability	493.1449(o)(2)

Title	Education	Training/Experience	Code
TS Radiobio 12	MD or DO licensed in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent		493.1449(n)(1)
	MD or DO licensed in state lab is located	1 year in HCT in specialty of radiobioassay	493.1449(n)(2)
	PhD in chemical, physical, biological, clinical lab	1 year in HCT in specialty of radiobioassay	493.1449(n)(3)
	MS in chemical, physical, biological, clinical lab or MT	2 year in HCT in specialty of radiobioassay	493.1449(n)(4)
	BS in chemical, physical, biological or MT	4 year in HCT in specialty of radiobioassay	493.1449(n)(5)
TS Histopath 13	MD or DO licensed in state lab located, certified in anatomical & clinical path by ABP or AOBP or equivalent; Individual qualifies under 493.1449(b) or (l)(1) may delegate to individual training for (b) or (l)(1)(i) (B)		493.1449(l)(1)
TS Oral Path 14	MD or DO license in state lab is located, certified in clinical pathology by ABP or AOBP or equivalent; or Certified in oral pathology by AB Oral Pathology or equivalent; or		493.1449(m)(1)
	Individual qualifies under 493.1449(b) or (m)(1) may delegate to individual training for (b) or (m) (1) (ii)		493.1449(m)(2)
TS Cyto 15	MD or DO licensed in state lab is located, certified in anatomy & clinical path by ABP or AOBP or equivalent; or Certified in anatomical pathology by ABP or AOBP or equivalent		493.1449(k)(1)(A)
	Certified by ASC		492.1449(k)(1)(B)
	Qualifies under 493.1449(b) or (k)(1) may delegate to individual in final year full time trained		493.1449(k)(2)
TS DermPath 16	MD or DO licensed in state lab is located, certified in anatomy & clinical path by ABP or AOBP or equivalent; or Certified in dermatopathology by APD & ABP or equivalent; or certified in dermatology by ABD or equivalent; or Individual qualified under 493.1449(b) or (l)(2)(i) may delegate to individual training for (b) or (l)(2)(i)(B)		493.1449(l)(2)
TS OphthPath 17	MD or DO licensed in state lab is located, certified in anatomy & clinical path by ABP or AOBP or equivalent; or Certified in ophtho- pathology by ABO or equivalent; or Individual qualifies under 493.1449(b) or (l)(3)(i) may delegate to individual training for (b) or (l)(3)(i)(B)		493.1449(l)(3)
CC HCT	Qualifies as lab director under 493.1443(b)(1); (b)(2)(i); (b)(2)(ii); or (b)(3)(i)		493.1455(a)
	MD or DO licensed in state lab is located		493.1455(b)

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Title	Education	Training/Experience	Code	
GS HCT	Qualifies as lab director under 493.1443		493.1461(b)(1)	
	Qualifies as TS under 493.1449		493.1461(b)(2)	
	MD or DO licensed in state lab is located; PhD; MS; BS in chemical, physical, biological, or clinical lab science or MT		1 year High complexity testing	493.1461(c)(1)
	AS in lab science or MLT		2 years High complexity testing	493.1461(c)(2)
	Previously qualified or could qualify under 493.1427(3/14/90) on or before 2/28/92 – see exception 493.1461(c)(3)(ii) See 493.1461(c)(4) for on/before 9/1/92 to 4/24/95			493.1461(c)(3)
	ABG's	Qualifies under 493.1461(b)(1) or (2), or 493.1461 (c)		493.1461(d)(1)
	ABG's	BS in respiratory therapy	1 year in blood gas analysis	493.1461(d)(2)
	ABG's	AS relevant to pulmonary function	2 years in blood gas analysis	493.1461(d)(3)
	Histopath	Qualifies as TS under 493.1449(b) or 493.1449(l)(1)		493.1461(e)(1)
	Dermpath	Qualifies as TS under 493.1449(b) or 493.1449 (l) (1) or (2)		493.1461(e)(2)
	Ophth path	Qualifies as TS under 493.1449(b) or 493.1449 (l) (3)		493.1461(e)(3)
	Oral Path	Qualifies as TS under 493.1449(b) or 493.1449 (m)		493.1461(e)(4)
	Cyto	Qualifies as TS under 493.1449(b) or (k)		493.1469(a)
		Qualifies as Cytotech under 493.1483 & have at least 3 years experience as a cytotech within the preceding 10 years		493.1469(b)
	Cytotech	Qualifies under 493.1449(b) or (k)		493.1483
Graduate from cytology school accredited by CAHEA		493.1483(b)(1)		
Certified in cytology by agency approval by HHS		493.1483(b)(2)		
Before 9/1/92 have 2 years in accredited instruction with at least 12 semester hours in science (8 in biology)		12 months accredited school of cyto		493.1483(b)(3)(i)
		6 mo. accredited cytology school & 6 months experience in lab with pathology as director of lab		493.1483(b)(3)(i)
Before 9/1/92, passed HHS test for cytotechs		493.1483(b)(3)(ii)		
Before 9/1/94, 2 yr fulltime experience within preceding 5 years under individual qualified under 493.1449(b) or (k)(l) & before 1/1/69 have graduated HS completing 6 months training & 2 years supervisory experience in cytotechnology		493.1483(b)(4)		
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Title	Education	Training/Experience	Code	
Cytotech (cont'd)	By 9/1/94, 2 years fulltime experience within preceding 5 years in US under individual qualified under 493.1449(b) or (k)(l) & by 9/1/95, meet requirements in either (b)(1) or (2)		493.1483(b)(5)(i)	
TP HCT	MD or DO licensed in state laboratory is located, or PhD, MS, or BS in chemistry, physical, biological or clinical lab science or MT		493.1489(b)(1)	
	AS in laboratory science or MLT <i>or</i>		493.1489(b)(2)(i)	
	Has equivalent education & training		493.1489(b)(2)(ii)	
	Qualifies or could have qualified as technologist under 493.1491, on or before 2/28/92		493.1489(b)(3)	
	On/before 4/24/95 be HS or equivalent & graduated from approved lab training or Military 50 week medical lab course		493.1489(b)(4)	
	Until 9/1/97 have HS or equivalent with documentation of training appropriate for testing		493.1489(b)(5)(i)	
	On 9/1/97 must meet requirements of 493.1489(b)(1) or (2) or (4) except those who were performing HCT on/before 4/24/95		493.1489(b)(5)(ii)	
	ABG's	Qualifies under 493.1489(b)(1), (2), (3), (4) or (5)		493.1489(b)(6)(i)
		BS in respiratory therapy		493.1489(b)(6)(ii)
		AS related to pulmonary function		493.1489(b)(6)(iii)
Histopath	-Tissue exams must be performed by individual qualified under 493.1449(b) or (l) -MD or DO licensed in state laboratory is located, certification in anatomy by ABP or AOBP or equivalent; -Resident in program for ABP or AOBP certification in anatomy & clinical or anatomical path; -MD or DO licensed in state laboratory is located certified in anatomy &/or clinical by ABP or AOBP or equivalent except for clinical cytogenetics & histocompatibility		493.1489(b)(7)	