

STACK GAS MEASUREMENT AND ANALYSIS

1	Course Title:	STACK GAS MEASUREMENT AND ANALYSIS
2	Course Code:	CEV5251
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	6.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	2
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. YÜCEL TAŞDEMİR
15	Course Lecturers:	Doç. Dr. S. Sıddık CİNDORUK Yrd. Doç. Dr. Fatma ESEN
16	Contact information of the Course Coordinator:	E-posta: tasdemir@uludag.edu.tr Tel: 0224 2942105 Adres: Uludağ Üniversitesi, Mühendislik-Mimarlık Fakültesi, Çevre Mühendisliği Bölümü, 16059 Nilüfer-Bursa
17	Website:	
18	Objective of the Course:	To measure and report the flue gas originated from point sources
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To learn the sampling techniques from stacks,
	2	To be able to use the measurement devices,
	3	To measure particulate matter in isokinetic conditions
	4	To evaluate the sampling results and to prepare a report.
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21	Course Content:	
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Week	Theoretical	Practice
1	Introduction (Course content, grading, explanations)	Orientation of the lab and devices
2	Definitions of the stack gas and particulate matter	PM analysis method
3	Combustion theory, reactions	PM measurement

ÖK3	0	0	3	0	0	4	0	0	0	0	0	0	0	4	4	0
ÖK4	3	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							