

주간 제강 생산계획 (7월 3주차)

대외비

문서번호: CS-SPP-1907-003

기간 : 2019.07.14 ~ 2019.07.18

작성일자: 2019.07.15

개정번호: 1

작성	7/15	7/15	승인
검토			
승인	7/15		

일자	주야	Order No.	Heat No.	수요가 강종	사내 강종	지시번호	Cast No.	Cast	Mould	하부	Ingot	Ingot	중량	주입중량	(t)	(mm)	(회)	(ton)	EAF	제강 Plan	제품 번호	Hot Transfer	생산의뢰번호 (주번호)	품명	부기	End User	비고
2019.07.14 (월)	주	P197060	105464	TW SF490V M3	C1025	2	02616	1	TW-V70 701C	1분립	1	70.100	70.1	32.600	32.6				07/14 11:30	07/15 08:00	07/15 06:30	07/15 07/15	PO1907110002 (190514-12100-4)	태용 단조	비원케이 (RUDDER STOCK)		
	주	P197061	105465	TW X11	CM012-1	1	02617	1										07/14 93.2	07/14 93.2	09:20			PO1907110001	태용			
	주	P197062	105466	TW X11	CM012-1	1	02617	2										07/14 93.2	07/14 11:20				PO1907110001	태용			
	주	P197063	105467	TW X11	CM012-1	3	02617	3										07/14 93.2	07/14 13:30				PO1907110001	태용			
	주	P197064	105468	TW F316L	S316L	1	02618	1	TW-F90 866F	VSD	1	86.615	86.6					07/14 15:50	07/15 23:50				PO1907110002 (190624-15226-2)	태용 단조		한텍 (DISC)	
	주	P197065	105469	TW F316L	S316L	1	02619	1	TW-V25 251C	4분립	4	25.100	100.4					07/15 13:50	07/14 17:50				PO1907110002	태용 단조 3EA	태용 제철 1EA		
	주	P197066	105470	TW F321H	S321H	1	02620	1										07/14 93.2	07/14 19:50				PO1907110001	태용			
	주	P197067	105471	TW F321H	S321H	1	02620	2										07/14 93.2	07/14 21:50				PO1907110001	태용			
	주	P197068	105472	TW F321H	S321H	1	02620	3										07/15 93.2	07/15 00:00				PO1907110001	태용			

일지	주요	Order No.	Heat No.	수요가 강종	사내 강종	제강 지시번호	Cast No.	Cast 순번	Mould 재료코드	하부 정반	Ingot 수량	Ingot 소재 (kg)	Ingot 합계 (ton)	주입중량 (ton)	(φ)	(mm)	(회)	CUT 수	중량 (ton)	중량 EAF	계획 Plan	레플 번호	Hot Transfer 역부	생산의뢰번호 (수주번호)	생산	분기	End User (물품)	비고																																																																																																																																																																																																																																																																																																																																																																																																																																													
2019.07.15 (월)	주	P197069	105473	TW F304L	S304L	02621	1	1	TW-V25	4분립	4	22,100	88.4	103.5	96.6	88.8	116.2	92.1	600	8300	5	92.1	07/16	04:00	07/15	09:00	07/16	00:00	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	07/16	0



참자	주야	Order No.	Heat No.	수요가 강종	사내 강종	제강 지시번호	Cast No.	Cast	Mould	하부	수량	소재	Ingot 중량	주입중량	외경	길이	CUT 수	중량	재량 Plan	레벨	Hot Transfer	상산외판번호	상산외판번호	생산	날기	End User	비고	
	야	P197081	105485	TW SF490V	C1022	2	02629	1	TW-V60 551C	1분립	1	55.100	55.1	110.2					07/16 05:10 02:40	07/17 05:10			(190330-15111-1)	PO1907120001	태용 단조		상성윤영 (RUDDER STOCK)	
	야	P197082	105486	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 04:00				PO1907110001	태용 단조				
	야	P197083	105487	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 05:20				PO1907110001	태용 단조				
	야	P197084	105488	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 06:40				PO1907110001	태용 단조				
	주	P197085	105489	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 08:00				PO1907110001	태용 단조				
	주	P197086	105490	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 09:20				PO1907110001	태용 단조				
	주	P197087	105491	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 10:40				PO1907110001	태용 단조				
	주	P197088	105492	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 12:00				PO1907110001	태용 단조				
	주	P197089	105493	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 13:20				PO1907110001	태용 단조				
	주	P197090	105494	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 14:40				PO1907110001	태용 단조				
	주	P197091	105495	EN100205-3 S355NL	C1016			3						92.1	600	8300	5	92.1	07/16 16:00				PO1907110001	태용 단조				MSR 미적용
	주	P197092	105496	TW SF490V	C1022	2	02631	1	TW-V70 710J TW-V15 121J	1분립	1	71.000	71.0	95.2					07/16 20:50 07/17 05:50				PO1907120001 (190226-15088-3)	PO1907120001 (190109-15088-2)	태용 단조		대우조선해 (RUDDER HUB)	

일자	주야	Order No.	Heat No.	수요가 강종	사내 강종	제강 지시번호	Cast No.	Cast 순위	Mould 재포드	하부 정반	Ingot 수량	Ingot 무게 (kg)	Ingot 합계 (ton)	주입중량 (ton)	외경 (φ)	길이 (mm)	CUT 수 (호)	중량 (ton)	EAF 순전	열량	연호	Hot Transfer 여부	생산자의뢰번호 (수원번호)	생산	타기	End User (물류)	비고		
야 <td>1</td> <td>P197093</td> <td>105497</td> <td>TW SSW-R1</td> <td>C1063</td> <td>1</td> <td>02632</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>79.9</td> <td>79.9</td> <td>600</td> <td>6000</td> <td>6</td> <td>79.9</td> <td>07/16 20:00</td> <td></td> <td></td> <td></td> <td></td> <td>태양</td> <td></td> <td></td> <td></td> <td></td>	1	P197093	105497	TW SSW-R1	C1063	1	02632	1						79.9	79.9	600	6000	6	79.9	07/16 20:00					태양				
야 <td>2</td> <td>P197094</td> <td>105498</td> <td>TW SSW-R1</td> <td>C1063</td> <td>1</td> <td>02632</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>79.9</td> <td>79.9</td> <td>600</td> <td>6000</td> <td>6</td> <td>79.9</td> <td>07/16 21:20</td> <td></td> <td></td> <td></td> <td></td> <td>태양</td> <td></td> <td></td> <td></td> <td></td>	2	P197094	105498	TW SSW-R1	C1063	1	02632	2						79.9	79.9	600	6000	6	79.9	07/16 21:20					태양				
야 <td>3</td> <td>P197095</td> <td>105499</td> <td>TW SSW-R1</td> <td>C1063</td> <td>1</td> <td>02632</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>79.9</td> <td>79.9</td> <td>600</td> <td>6000</td> <td>6</td> <td>79.9</td> <td>07/16 22:40</td> <td></td> <td></td> <td></td> <td></td> <td>태양</td> <td></td> <td></td> <td></td> <td></td>	3	P197095	105499	TW SSW-R1	C1063	1	02632	3						79.9	79.9	600	6000	6	79.9	07/16 22:40					태양				
야 <td>4</td> <td>P197096</td> <td>105500</td> <td>TW SF590</td> <td>C1040</td> <td>1</td> <td>02633</td> <td>1</td> <td>TW-F200 163F</td> <td>VSD</td> <td>1</td> <td>163.859</td> <td>163.9</td> <td>163.9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07/17 00:00</td> <td></td> <td></td> <td></td> <td>(190614-15111F-010)</td> <td>태양 단조</td> <td></td> <td></td> <td></td> <td></td>	4	P197096	105500	TW SF590	C1040	1	02633	1	TW-F200 163F	VSD	1	163.859	163.9	163.9						07/17 00:00				(190614-15111F-010)	태양 단조				
야 <td>5</td> <td>P197097</td> <td>105501</td> <td>TW SF590</td> <td>C1040</td> <td>1</td> <td>02633</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>163.9</td> <td>163.9</td> <td></td> <td></td> <td></td> <td></td> <td>07/17 01:20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	5	P197097	105501	TW SF590	C1040	1	02633	2						163.9	163.9					07/17 01:20									
야 <td>6</td> <td>P197098</td> <td>105502</td> <td>WTG-113</td> <td>A8640</td> <td>1</td> <td>02634</td> <td>1</td> <td>TW-V20 1611</td> <td>TW-V20 2분립</td> <td>4</td> <td>16.100</td> <td>64.4</td> <td>64.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07/17 16:10</td> <td></td> <td></td> <td></td> <td></td> <td>태양 단조</td> <td></td> <td>GE (2, 3, 2X M/SHAFT)</td> <td></td> <td></td>	6	P197098	105502	WTG-113	A8640	1	02634	1	TW-V20 1611	TW-V20 2분립	4	16.100	64.4	64.4						07/17 16:10					태양 단조		GE (2, 3, 2X M/SHAFT)		
야 <td>7</td> <td>P197099</td> <td>105503</td> <td>TW SFCM830</td> <td>A4138</td> <td>1</td> <td>02635</td> <td>1</td> <td>TW-V30 273C</td> <td>TW-V15 2분립</td> <td>2</td> <td>15.100</td> <td>30.2</td> <td>30.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07/17 00:30</td> <td></td> <td></td> <td></td> <td>273C 1EA (181010-12339-12.15)</td> <td>태양 단조</td> <td></td> <td>상화교역 (INTER SHAFT)</td> <td></td> <td></td>	7	P197099	105503	TW SFCM830	A4138	1	02635	1	TW-V30 273C	TW-V15 2분립	2	15.100	30.2	30.2						07/17 00:30				273C 1EA (181010-12339-12.15)	태양 단조		상화교역 (INTER SHAFT)		
야 <td>8</td> <td>P197100</td> <td>105504</td> <td>EN100205-3 S355NL</td> <td>C1016</td> <td>3</td> <td>02636</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>92.1</td> <td>92.1</td> <td>600</td> <td>8300</td> <td>5</td> <td>92.1</td> <td>07/17 05:20</td> <td></td> <td></td> <td></td> <td>PO1907110001</td> <td>태양 단조</td> <td></td> <td></td> <td>MSR 미처용</td> <td></td>	8	P197100	105504	EN100205-3 S355NL	C1016	3	02636	1						92.1	92.1	600	8300	5	92.1	07/17 05:20				PO1907110001	태양 단조			MSR 미처용	
야 <td>9</td> <td>P197101</td> <td>105505</td> <td>EN100205-3 S355NL</td> <td>C1016</td> <td>3</td> <td>02636</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>92.1</td> <td>92.1</td> <td>600</td> <td>8300</td> <td>5</td> <td>92.1</td> <td>07/17 06:40</td> <td></td> <td></td> <td></td> <td>PO1907110001</td> <td>태양 단조</td> <td></td> <td></td> <td>MSR 미처용</td> <td></td>	9	P197101	105505	EN100205-3 S355NL	C1016	3	02636	2						92.1	92.1	600	8300	5	92.1	07/17 06:40				PO1907110001	태양 단조			MSR 미처용	
주 <td>1</td> <td>P197102</td> <td>105506</td> <td>EN100205-3 S355NL</td> <td>C1016</td> <td>3</td> <td>02636</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>92.1</td> <td>92.1</td> <td>600</td> <td>8300</td> <td>5</td> <td>92.1</td> <td>07/17 08:00</td> <td></td> <td></td> <td></td> <td>PO1907110001</td> <td>태양 단조</td> <td></td> <td></td> <td>MSR 미처용</td> <td></td>	1	P197102	105506	EN100205-3 S355NL	C1016	3	02636	3						92.1	92.1	600	8300	5	92.1	07/17 08:00				PO1907110001	태양 단조			MSR 미처용	
주 <td>2</td> <td>P197103</td> <td>105507</td> <td>EN100205-3 S355NL</td> <td>C1016</td> <td>3</td> <td>02636</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>92.1</td> <td>92.1</td> <td>600</td> <td>8300</td> <td>5</td> <td>92.1</td> <td>07/17 09:20</td> <td></td> <td></td> <td></td> <td>PO1907110001</td> <td>태양 단조</td> <td></td> <td></td> <td>MSR 미처용</td> <td></td>	2	P197103	105507	EN100205-3 S355NL	C1016	3	02636	4						92.1	92.1	600	8300	5	92.1	07/17 09:20				PO1907110001	태양 단조			MSR 미처용	
주 <td>3</td> <td>P197104</td> <td>105508</td> <td>EN100205-3 S355NL</td> <td>C1016</td> <td>3</td> <td>02636</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>92.1</td> <td>92.1</td> <td>600</td> <td>8300</td> <td>5</td> <td>92.1</td> <td>07/17 10:40</td> <td></td> <td></td> <td></td> <td>PO1907110001</td> <td>태양 단조</td> <td></td> <td></td> <td>MSR 미처용</td> <td></td>	3	P197104	105508	EN100205-3 S355NL	C1016	3	02636	5						92.1	92.1	600	8300	5	92.1	07/17 10:40				PO1907110001	태양 단조			MSR 미처용	

일자	주야	Order No.	Heat No.	수요가 검증	사내 검증	제강	Cast No.	순위	하부	Ingot	Ingot 중량	주입중량	비고
4	주	P197105	105509	TWS355	C1016	1	02637	1	TW-V60 51.1	1분립	51.100	51.1	
5	주	P197106	105510	TW F22	AA112	4	02638	1	TW-V60 55.6	1분립	55.600	55.6	
		P197107	105511	TW P1	TP1	1	02639	1	TW-V25 243C	4분립	24.350	73.1	
		P197108	105512	TW P1	TP1	1	02640	1	TW-V25 243C	2분립	21.350	21.4	
		P197109	105513	TW S17Mo5	AA117	1	02641	1	TW-V20 4분립	4	19.100	76.4	
		P197110	105514	TW S17Mo5	AA117	1	02642	1	TW-V25 191C	2분립	23.350	23.4	
		P197111	105515	TW S17Mo5	AA117	1	02643	1	TW-V20 4분립	4	19.100	76.4	
		P197112	105516	TW S17Mo5	AA117	1	02644	1	TW-V25 233C	2분립	23.350	23.4	
		P197113	105517	TW S17Mo5	AA117	1	02645	1	TW-V20 4분립	4	19.100	76.4	
		P197114	105518	TW S17Mo5	AA117	1	02646	1	TW-V25 233C	2분립	23.350	23.4	
		P197115	105519	TW S17Mo5	AA117	1	02647	1	TW-V20 4분립	4	19.100	76.4	
		P197116	105520	TW S17Mo5	AA117	1	02648	1	TW-V25 233C	2분립	23.350	23.4	
		P197117	105521	TW S17Mo5	AA117	1	02649	1	TW-V20 4분립	4	19.100	76.4	
		P197118	105522	TW S17Mo5	AA117	1	02650	1	TW-V25 233C	2분립	23.350	23.4	
		P197119	105523	TW S17Mo5	AA117	1	02651	1	TW-V20 4분립	4	19.100	76.4	
		P197120	105524	TW S17Mo5	AA117	1	02652	1	TW-V25 233C	2분립	23.350	23.4	
		P197121	105525	TW S17Mo5	AA117	1	02653	1	TW-V20 4분립	4	19.100	76.4	
		P197122	105526	TW S17Mo5	AA117	1	02654	1	TW-V25 233C	2분립	23.350	23.4	
		P197123	105527	TW S17Mo5	AA117	1	02655	1	TW-V20 4분립	4	19.100	76.4	
		P197124	105528	TW S17Mo5	AA117	1	02656	1	TW-V25 233C	2분립	23.350	23.4	
		P197125	105529	TW S17Mo5	AA117	1	02657	1	TW-V20 4분립	4	19.100	76.4	
		P197126	105530	TW S17Mo5	AA117	1	02658	1	TW-V25 233C	2분립	23.350	23.4	
		P197127	105531	TW S17Mo5	AA117	1	02659	1	TW-V20 4분립	4	19.100	76.4	
		P197128	105532	TW S17Mo5	AA117	1	02660	1	TW-V25 233C	2분립	23.350	23.4	
		P197129	105533	TW S17Mo5	AA117	1	02661	1	TW-V20 4분립	4	19.100	76.4	
		P197130	105534	TW S17Mo5	AA117	1	02662	1	TW-V25 233C	2분립	23.350	23.4	
		P197131	105535	TW S17Mo5	AA117	1	02663	1	TW-V20 4분립	4	19.100	76.4	
		P197132	105536	TW S17Mo5	AA117	1	02664	1	TW-V25 233C	2분립	23.350	23.4	
		P197133	105537	TW S17Mo5	AA117	1	02665	1	TW-V20 4분립	4	19.100	76.4	
		P197134	105538	TW S17Mo5	AA117	1	02666	1	TW-V25 233C	2분립	23.350	23.4	
		P197135	105539	TW S17Mo5	AA117	1	02667	1	TW-V20 4분립	4	19.100	76.4	
		P197136	105540	TW S17Mo5	AA117	1	02668	1	TW-V25 233C	2분립	23.350	23.4	
		P197137	105541	TW S17Mo5	AA117	1	02669	1	TW-V20 4분립	4	19.100	76.4	
		P197138	105542	TW S17Mo5	AA117	1	02670	1	TW-V25 233C	2분립	23.350	23.4	
		P197139	105543	TW S17Mo5	AA117	1	02671	1	TW-V20 4분립	4	19.100	76.4	
		P197140	105544	TW S17Mo5	AA117	1	02672	1	TW-V25 233C	2분립	23.350	23.4	
		P197141	105545	TW S17Mo5	AA117	1	02673	1	TW-V20 4분립	4	19.100	76.4	
		P197142	105546	TW S17Mo5	AA117	1	02674	1	TW-V25 233C	2분립	23.350	23.4	
		P197143	105547	TW S17Mo5	AA117	1	02675	1	TW-V20 4분립	4	19.100	76.4	
		P197144	105548	TW S17Mo5	AA117	1	02676	1	TW-V25 233C	2분립	23.350	23.4	
		P197145	105549	TW S17Mo5	AA117	1	02677	1	TW-V20 4분립	4	19.100	76.4	
		P197146	105550	TW S17Mo5	AA117	1	02678	1	TW-V25 233C	2분립	23.350	23.4	
		P197147	105551	TW S17Mo5	AA117	1	02679	1	TW-V20 4분립	4	19.100	76.4	
		P197148	105552	TW S17Mo5	AA117	1	02680	1	TW-V25 233C	2분립	23.350	23.4	
		P197149	105553	TW S17Mo5	AA117	1	02681	1	TW-V20 4분립	4	19.100	76.4	
		P197150	105554	TW S17Mo5	AA117	1	02682	1	TW-V25 233C	2분립	23.350	23.4	
		P197151	105555	TW S17Mo5	AA117	1	02683	1	TW-V20 4분립	4	19.100	76.4	
		P197152	105556	TW S17Mo5	AA117	1	02684	1	TW-V25 233C	2분립	23.350	23.4	
		P197153	105557	TW S17Mo5	AA117	1	02685	1	TW-V20 4분립	4	19.100	76.4	
		P197154	105558	TW S17Mo5	AA117	1	02686	1	TW-V25 233C	2분립	23.350	23.4	
		P197155	105559	TW S17Mo5	AA117	1	02687	1	TW-V20 4분립	4	19.100	76.4	
		P197156	105560	TW S17Mo5	AA117	1	02688	1	TW-V25 233C	2분립	23.350	23.4	
		P197157	105561	TW S17Mo5	AA117	1	02689	1	TW-V20 4분립	4	19.100	76.4	
		P197158	105562	TW S17Mo5	AA117	1	02690	1	TW-V25 233C	2분립	23.350	23.4	
		P197159	105563	TW S17Mo5	AA117	1	02691	1	TW-V20 4분립	4	19.100	76.4	
		P197160	105564	TW S17Mo5	AA117	1	02692	1	TW-V25 233C	2분립	23.350	23.4	
		P197161	105565	TW S17Mo5	AA117	1	02693	1	TW-V20 4분립	4	19.100	76.4	
		P197162	105566	TW S17Mo5	AA117	1	02694	1	TW-V25 233C	2분립	23.350	23.4	
		P197163	105567	TW S17Mo5	AA117	1	02695	1	TW-V20 4분립	4	19.100	76.4	
		P197164	105568	TW S17Mo5	AA117	1	02696	1	TW-V25 233C	2분립	23.350	23.4	
		P197165	105569	TW S17Mo5	AA117	1	02697	1	TW-V20 4분립	4	19.100	76.4	
		P197166	105570	TW S17Mo5	AA117	1	02698	1	TW-V25 233C	2분립	23.350	23.4	
		P197167	105571	TW S17Mo5	AA117	1	02699	1	TW-V20 4분립	4	19.100	76.4	
		P197168	105572	TW S17Mo5	AA117	1	02700	1	TW-V25 233C	2분립	23.350	23.4	
		P197169	105573	TW S17Mo5	AA117	1	02701	1	TW-V20 4분립	4	19.100	76.4	
		P197170	105574	TW S17Mo5	AA117	1	02702	1	TW-V25 233C	2분립	23.350	23.4	
		P197171	105575	TW S17Mo5	AA117	1	02703	1	TW-V20 4분립	4	19.100	76.4	
		P197172	105576	TW S17Mo5	AA117	1	02704	1	TW-V25 233C	2분립	23.350	23.4	
		P197173	105577	TW S17Mo5	AA117	1	02705	1	TW-V20 4분립	4	19.100	76.4	
		P197174	105578	TW S17Mo5	AA117	1	02706	1	TW-V25 233C	2분립	23.350	23.4	
		P197175	105579	TW S17Mo5	AA117	1	02707	1	TW-V20 4분립	4	19.100	76.4	
		P197176	105580	TW S17Mo5	AA117	1	02708	1	TW-V25 233C	2분립	23.350	23.4	
		P197177	105581	TW S17Mo5	AA117	1	02709	1	TW-V20 4분립	4	19.100	76.4	
		P197178	105582	TW S17Mo5	AA117	1	02710	1	TW-V25 233C	2분립	23.350	23.4	
		P197179	105583	TW S17Mo5	AA117	1	02711	1	TW-V20 4분립	4	19.100	76.4	
		P197180	105584	TW S17Mo5	AA117	1	02712	1	TW-V25 233C	2분립	23.350	23.4	
		P197181	105585	TW S17Mo5	AA117	1	02713	1	TW-V20 4분립	4	19.100	76.4	
		P197182	105586	TW S17Mo5	AA117	1	02714	1	TW-V25 233C	2분립	23.350	23.4	
		P197183	105587	TW S17Mo5	AA117	1	02715	1	TW-V20 4분립	4	19.100	76.4	
		P197184	105588	TW S17Mo5	AA117	1	02716	1	TW-V25 233C	2분립	23.350	23.4	
		P197185	105589	TW S17Mo5	AA117	1	02717	1	TW-V20 4분립	4	19.100	76.4	
		P197186	105590	TW S17Mo5	AA117	1	02718	1	TW-V25 233C	2분립	23.350	23.4	
		P197187	105591	TW S17Mo5	AA117	1	02719	1	TW-V20 4분립	4	19.100	76.4	
		P197188	105592	TW S17Mo5	AA117	1	02720	1	TW-V25 233C	2분립	23.350	23.4	
		P197189	105593	TW S17Mo5	AA117	1	02721	1	TW-V20 4분립	4	19.100	76.4	
		P197190	105594	TW S17Mo5	AA117	1	02722	1	TW-V25 233C	2분립	23.350	23.4	
		P197191	105595	TW S17Mo5	AA117	1	02723	1	TW-V20 4분립	4	19.100	76.4	
		P197192	105596	TW S17Mo5	AA117	1	02724	1	TW-V25 233C	2분립	23.350	23.4	
		P197193	105597	TW S17Mo5	AA117	1	02725	1	TW-V20 4분립	4	19.100	76.4	
		P197194	105598	TW S17Mo5	AA117	1	02726	1	TW-V25 233C	2분립	23.350	23.4	
		P197195	105599	TW S17Mo5	AA117	1	02727	1	TW-V20 4분립	4	19.100	76.4	
		P197196	105600	TW S17Mo5	AA117	1	02728	1	TW-V25 233C	2분립	23.350	23.4	
		P197197	105601	TW S17Mo5	AA117	1	02729	1	TW-V20 4분립	4	19.100	76.4	
		P197198	105602	TW S17Mo5	AA117	1	02730	1	TW-V25 233C	2분립	23.350	23.4	
		P197199	105603	TW S17Mo5	AA117	1	02731	1	TW-V20 4분립	4	19.100	76.4	
		P197200	105604	TW S17Mo5	AA117	1	02732	1	TW-V25 233C	2분립	23.350	23.4	
		P197201	105605	TW S17Mo5	AA117	1	02733	1	TW-V20 4분립	4	19.100	76.4	
		P197202	105606	TW S17Mo5	AA117	1	02734	1	TW-V25 233C	2분립	23.350	23.4	
		P197203	105607	TW S17Mo5	AA117	1	02735	1	TW-V20 4분립	4	19.100	76.4	
		P197204	105608	TW S17Mo5	AA117	1	02736	1	TW-V25 233C	2분립	23.350	23.4	
		P197205	105609	TW S17Mo5	AA117	1	02737	1	TW-V20 4분립	4	19.100	76.4	